













## Video Cameras:

## **HITACHI** Inspire the Next

SES is a proud distributor of Hitachi Cable America Complete offering of high quality Category and Fiber Optic Cable



#### Ganz GenStar Outdoor IP Cameras

#### **CHU ZN8B4NVF56**

Outdoor IR Bullet w/ 2.8-12mm Varifocal lens, WDR, PoE, 12VDC, 1080P

#### **CHU ZN8F7NTFN10L**

6MP Outdoor Fisheye Dome w/ 6 IR LEDs, WDR, PoE, 12VDC

#### **CHU ZN8M4NTFN4L**

Outdoor Mini IR dome w/ 3.6mm fixed lens, WDR, PoE, 12VDC, 1080P

PixelPro Series H.264 IP Cameras: Optimized for HD 1080p, 720p, and VGA models available - 1 / 2.5" Progressive Scan CMOS - True Day/Night performance - Triple Power 12VDC/24VAC/PoE - Dual Streaming Video - Micro SDHC Card Slot -External Alarm I/O - Bi-directional audio support - ONVIF Compliant

#### PixelPro Dome Cameras

Built-in 3.3-12mm Varifocal Lens-IP66 Rated

#### CHU ZNDT2MTP

#### H.264 HD Optimized Outdoor IP Dome Camera (HD 1080p)

- ProSet system lets you zoom and focus directly from your PC
- 1/2.5" Progressive Scan CMOS
- Built-in 3.3-12mm Varifocal Lens
- Dual Streaming Video
- True Day/Night Performance
- Triple Power (12VDC/24VAC, PoE)
- MicroSDHC Card Slot
- Service Monitor Output
- External Alarm I/O
- **Bi-directional Audio Support**
- **ONVIF Compliant**
- Plug and Play with PixelMaster Embedded NVR with no configuration required

#### CHU ZNDT2MTPIR

#### H.264 Outdoor IP Dome (1080p) w/IR

- 1080p Model (720p Model also available)
- ProSet system lets you zoom and focus directly from your PC
- 1/2.8" Progressive Scan CMOS
- Built-in 3-9mm Varifocal Lens
- 18 IR LEDs
- Improved low-light performance
- Improved picture quality
- Dual Streaming Video
- True Day/Night Performance
- DPC (Defective Picture Correction)
- Triple Power (12VDC/24VAC, PoE)
- Service Monitor Output
- External Alarm I/O

- Bi-directional Audio Support
- IP66 for outdoor use
- ONVIF Compliant
- · Plug and Play with PixelMaster Embedded NVR with no configuration required

#### **CHU ZND2MTP**

#### H.264 Indoor IP Dome (1080p)

- 1080p (720p and VGA Models also available)
- ProSet system lets you zoom and focus directly from your PC
- 1/2.8" Progressive Scan CMOS
- Built-in 3-9mm Varifocal Lens
- Better low-light performance
- Improved picture quality
- **Dual Streaming Video**
- True Day/Night Performance
- DPC (Defective Picture Correction)
- Triple Power (12VDC/24VAC, PoE)
- Service Monitor Output
- External Alarm I/O
- **Bi-directional Audio Support**
- ONVIF Compliant

#### **CHU ZND2MTPIR**

#### H.264 Indoor IP Dome (1080p) w/IR

- 1080p Model (720p Model also available)
- ProSet system lets you zoom and focus directly from your PC
- 1/2.8" Progressive Scan CMOS
- Built-in 3-9mm Varifocal Lens
- 18 IR LEDs
- Better low-light performance
- Improved picture quality
- **Dual Streaming Video**
- True Day/Night Performance
- DPC (Defective Picture Correction)
- Triple Power (12VDC/24VAC, PoE)
- Service Monitor Output
- External Alarm I/O
- **Bi-directional Audio Support**
- **ONVIF Compliant**
- Outdoor & Bullet models also available

#### **CHU ZNMD1243MIR**

#### 1080p Indoor IP Mini IR Dome w/ 4.3mm Lens

- 1080p HD Resolution
- 1/2.8" CMOS Sensor
- H.264 & MJPEG
- · 4.3mm Fixed Lens
- True Day/Night
- **Privacy Masking**
- PoE Power supply (802.3af Class 2)
- Motion Triggered Alarm
- **ONVIF Profile S Compliant**
- **Dual Streaming Video**
- Service Monitor Output
- DPC (Defective Pixel Correction)
- Plug and Play with PixelMaster Embedded NVR with no configuration required

#### CHU ZNMD221M

#### PixelPro H.264 HD Optimized Outdoor IP Mini Dome (1080p)

- 1/2.8" CMOS Sensor
- H.264 & MJPEG
- 2.1mm Fixed Lens
- PoE



# Smart Homes open up a world of opportunity.

#### It starts with a proven partner like Interlogix.

By 2020, the Smart Home industry is expected to be worth \$58 billion.\* With Interlogix as your partner, you'll have the proven products and support you need to succeed in this evolving security market. **Our UltraSync™ SmartHome system** gives your customers the enhanced security and lifestyle connectivity they want and provides your business with the long-term growth opportunity it needs.

Visit interlogix.com/ultrasync-smarthome to learn how UltraSync SmartHome technology can help grow your business.









<sup>\*</sup>MarketsandMarkets, Smart Homes Market, Global Forecast to 2020















#### **CHU ZNMD243M**

#### Ganz PixelPro H.264 1080p HD Indoor IP Mini Dome w/ 4.3mm Lens

- 1080p HD Resolution
- 1/2.8" CMOS Sensor
- H.264 & MJPEG
- 4.3mm Fixed Lens
- PoE Power supply. 802.3af Class 2
- Motion Triggered Alarm
- · Dual Streaming Video
- Service Monitor Output
- Digital Day/Night
- DPC (Defective Pixel Correction)
- P IP66 rated for all weather conditions

#### Pixel-Pro Bullet Camera

#### **CHU ZNB2MTP**

## H.264 HD Optimized Outdoor IP Bullet Camera (HD 1080p)

- ProSet system lets you zoom and focus directly from your PC
- P-Iris feature (Precise iris)
- 1/2.5" Progressive Scan CMOS, 3.3-12mm varifocal lens
- Dual Streaming Video
- True Day/Night Performance
- 42 IR LEDs provide over 100' illumination range
- Triple power (12VDC/24VAC, PoE)
- MicroSDHC card slot
- External alarm I/O
- ONVIF Compliant
- · Setup and recording software included
- IP66 rated for all weather performance
- · Mounting bracket and sunshield included
- Plug and Play with PixelMaster Embedded NVR with no configuration required

#### **CHU ZNMB243M**

#### H.264 Outdoor IP Bullet Mini Camera (1080p)

- 1080p HD Resolution
- 4.3mm Lens
- True Day/Night
- Privacy Masking
- PoE Power supply (802.3af Class 2)
- Motion Triggered Alarm
- ONVIF Profile S Compliant
- Dual Streaming Video
- Service Monitor Output
- DPC (Defective Pixel Correction)
- Plug and Play with PixelMaster Embedded NVR with no configuration required
- IP66 rated for all weather conditions
- 18 IR LEDs provide over 26' illumination
- Sunshield and mounting bracket included



## Illustra-Flex IP Cameras

Illustra Flex cameras provide affordable high quality megapixel video at a fraction of the cost. True Day/Night and 3D Dynamic Noise Reduction technology improves video quality and reduces storage requirements in low light conditions. The Wide Dynamic Range feature increases the image quality of objects dimly lit by bright backgrounds, such as a person entering an outside door. The cameras offer indoor and outdoor enclosure options and varifocal lenses on most models to customize the field-of-view.

The 1MP wireless Cube reduces cabling and installation costs for fast, flexible deployments.

#### AME ADCI600FD021

Illustra Flex 1MP Indoor/Outdoor Dome, Vandal Resistant, Varifocal 3-9mm, IR

#### AME ADCI600FD111

Illustra Flex 1MP Indoor Dome, Varifocal 3-9mm

#### AME ADCI800FB521

Illustra Flex 3MP Bullet, Varifocal 9-22mm

#### AME ADCI800FD021

Illustra Flex 3MP Indoor/Outdoor Dome, Vandal Resistant, Varifocal 3-9mm, IR

#### AME ADCI800FD111

Illustra Flex 3MP Indoor Dome, Varifocal 3-9mm

#### **AME ADCI600M111**

Compact Indoor, 720p 2.83 mm fixed, vandal resistant, PoE, white, clear

#### **AME ADCI610M111**

Compact Indoor, 1080p, 2.8 mm fixed, vandal resistant, PoE, white, clear

#### **AME IES01D10CWIY**

Illustra Essentials 1MP Dome, 2.8-12mm, outdoor, vandal, clear, white, TDN w/IR, WDR.



#### **VIV CC8130**

## 1MP Panoramic View Compact Size Compact Cube Network Camera

- 1-megapixel CMOS Sensor
- 180° Horizontal Panoramic View
- Compact, Elegant Design
- Real-time H.264 and MJPEG compression (Dual Codec)
- 30 fps @ 1280x800
- Built-in IEEE 802.3af Compliant PoE
- Flat Mount/ Tilt Mount Available

#### VIV CC8370HV

## 3MP Outdoor Anti-Ligature Fisheye Network Camera, Compact Vandal-proof, 1.6MM Lens

- 3-Megapixel CMOS Sensor
- 30fps @ 2048x1536
- Anti-Ligature Design
- Weather-proof IP66-rated and Vandal-proof IK10-rated Housing
- 180° Horizontal Panoramic View
- · ±25° Tilt Lens
- WDR Pro (100dB) to Provide Extreme Visibility in High Light Contrast Scenes
- · Video Rotation
- Built-in Microphone
- SNV (Supreme Night Visibility)
- 3D Noise Reduction for Low-light Conditions
- Real-time H.264 and MJPEG Compression (Dual Codec)
- Built-in IEEE 802.3af Compliant PoE
- Built-in MicroSD/SDHC/SDXC card slot

#### NEW VIV FD836BHVF2

#### **Fixed Dome Network Camera**

- 2-Megapixel CMOS Sensor
- 30 fps @ 1920x1080
- 2.8 ~ 12 mm, Vari-focal, Remote Focus, P-iris Lens (FD836B-HTV/EHTV)
- Built-in IR Illuminators, Effective up to 30 Meters

#### FOR FULL, UP-TO-DATE PRICING VISIT US ONLINE AT WWW.SESONLINE.COM

- WDR for Unparalleled Visibility in **Extremely Bright and Dark Environments**
- SNV (Supreme Night Visibility) for Lowlight Conditions
- 3D Noise Reduction
- Two-way Audio
- · Video Rotation for Corridor View
- Weather-proof IP66-rated and Vandalproof IK10-rated Housing
- Support Installation with AM-713 Outdoor **Conduit Box**
- Extreme Weather Support with PoE (FD836B-EHVF2/EHTV)
- VIVOTEK VCA (Video Content Analysis) Support

#### NEW VIV FD8167A

#### **Fixed Dome Network Camera**

- 2-Megapixel CMOS Sensor
- 30 fps @ 1920x1080
- Real-time H.264, MJPEG Compression (Dual Codec)
- Removable IR-cut Filter for Day & Night Function
- Built-in IR Illuminators, Effective up to 20 Meters
- Built-in 802.3af Compliant PoE
- Built-in MicroSD/SDHC/SDXC Card Slot for **On-board Storage**
- Supports ONVIF Standard to Simplify Integration and Enhance Interoperability
- SNV (Supreme Night Visibility)
- Smart Stream II to Optimize Bandwidth Efficiency

#### NEW VIV FD8367AV

#### **Fixed Dome Network Camera**

- 2-Megapixel CMOS Sensor
- 30 fps @ 1920x1080
- Real-time H.264, MJPEG Compression (Dual Codec)
- Removable IR-cut Filter for Day & Night **Function**
- Built-in IR Illuminators, Effective up to 30 Meters
- Built-in 802.3af Compliant PoE
- Built-in MicroSD/SDHC/SDXC Card Slot for On-board Storage
- Supports ONVIF Standard to Simplify Integration and Enhance Interoperability
- Weather-proof IP66-rated and Vandalproof IK10-rated Housing
- Smart Stream II to Optimize Bandwidth Efficiency

#### **VIV FE8174**

#### 5MP 360° Surround View Pixel Calculator Local Dewarp Fisheye Fixed Dome Network Camera

- 5-Megapixel CMOS Sensor
- 30 fps @ 1080p Full HD
- 1.5 mm Fisheye Lens for 180° Panoramic View and 360° Surround View
- Removable IR-cut Filter for Day & Night **Function**
- Real-time H.264, MPEG-4, and MJPEG Compression (Triple Codec)
- WDR Enhancement for Unparalleled Visibility in Extremely Bright or Dark **Environments**
- ePTZ for Data Efficiency
- Built-in 802.3af Compliant PoE

- Built-in MicroSD/SDHC/SDXC Card Slot for On-board Storage
- Pixel Calculator for Image Clarity Measurement
- · Support Local or Client Side Dewarping

#### **VIV FD8169**

#### 2MP Indoor IP Dome Camera

- 2-Megapixel CMOS Sensor
- 30 fps @ 1920x1080
- Real-time H.264, MJPEG Compression (Dual Codec)
- · Removable IR-cut Filter for Day & Night **Function**
- Built-in IR Illuminators, Effective up to 15 Meters
- · Built-in 802.3af Compliant PoE
- Build-in MicroSD/SDHC/SDXC Card Slot for On-board Storage
- Supports ONVIF Standard to Simplify Integration and Enhance Interoperability
- 3D Noise Reduction
- Smart IR Technology Avoid Overexposure
- WDR Enhancement for Unparalleled Visibility in Extremely Bright and Dark **Environments**

#### VIV FD8365EHV

## 2MP 30 FPS H264 WDR PRO IP6 RF1.3-F2.5

- 2-Megapixel CMOS Sensor, 30 fps @ 1920x1080
- Motorized, P-iris Lens & DC-iris
- Removable IR-cut Filter for Day & Night Function
- Built-in IR Illuminators, Effective up to 20 Meters, Smart IR Technology to Avoid Overexposure
- 3D Noise Reduction for Low-light
- WDR Pro (100dB) to Provide Improved Visibility in Extremely Bright or Dark **Environments**
- Smart Focus System for Remote and Precise Focus Adjustment
- Two-way Audio
- Weather-proof IP66-rated and Vandalproof IK10-rated Housing
- Video Rotation for Corridor Format
- EIS (Electronic Image Stabilization) to **Control Image Stability**

#### **VIV FE8174V**

#### 5 MP Outdoor Fisheye Vandal Proof Camera

- 5-Megapixel CMOS Sensor
- 30 fps @ 1080p Full HD
- 1.5 mm Fisheye Lens for 180° Panoramic View and 360° Surround View
- Removable IR-cut Filter for Day & Night **Function**
- EN50155 Compliance for Professional Mobile Surveillance
- Real-time H.264, MPEG-4, and MJPEG Compression (Triple Codec)
- WDR Enhancement for Unparalleled Visibility in Extremely Bright or Dark **Environments**
- · Vandal-proof IK10-rated and Weatherproof IP66-rated Housing
- ePTZ for Data Efficiency
- Built-in 802.3af Compliant PoE
- · Built-in MicroSD/SDHC/SDXC Card Slot for

- On-board Storage
- Pixel Calculator for Image Clarity Measurement
- Support Local or Client Side Dewarping
- VCA Supported

#### NEW VIV IB8367A

#### **Bullet Network Camera**

- 2-Megapixel CMOS Sensor
- 30 fps @ 1920x1080
- Real-time H.264, MJPEG Compression (Dual Codec)
- Removable IR-cut Filter for Day & Night Function
- Built-in IR Illuminators, Effective up to 30 Meters
- Built-in 802.3af Compliant PoE
- Built-in MicroSD/SDHC/SDXC Card Slot for On-board Storage
- Supports ONVIF Standard to Simplify Integration and Enhance Interoperability
- Weather-proof IP66-rated and Vandalproof IK10-rated Metal Housing

#### VIV IP8365EH

#### 2MP Bullet Network Camera, 30 FPS, H264, MJPEG, WDR PRO, F1.2-F2.3VF

- 2-Megapixel CMOS Sensor
- 30 fps @ 1920x1080
- Motorized P-iris Lens
- Removable IR-cut Filter for Day & Night **Function**
- Built-in IR Illuminators, Effective up to 30 Meters
- Smart IR Technology Avoid Overexposure
- Noise Reduction for Low-light 3D Conditions
- WDR Pro (100dB) to Provide Improved Visibility in Extremely Bright or Dark Environments
- Smart Focus System for Remote and Precise Focus Adjustment
- Two-way Audio
- Weather-proof IP67-rated Housing
- Video Rotation for Corridor Format
- EIS (Electronic Image Stabilization) to **Control Image Stability**



## 2.3MP IP Cameras with Built-in PoE now available in 2.8-12MM Varifocal Bullet and **Ball Dome**

- 2.3 MP VariFocal allows seem-less plug and play with GSI PoE NVR's
- 2.8-12MM MP Vari-focal Lens
- 36 IR LED's (up to 60' Illumination)
- IP66 Weather Rating Bullet Camera, IP66 Weather Rating and Vandal Resistant Ball Dome
- True Day/Night ICR
- 12VDC or PoE Support
- ONVIF and PSIA Conformant

**GST GSIP714BD GST GSIP715BC** 

**Ball Dome Bullet Camera** 

COMPANY - WIDE HOURS















## IR LED 4MPx IP Cameras. 3.6mm Fixed Megapixel Lens D/N Color

- 1/3" OV HDR Megapixel CMOS Sensor
- Plug and Play with GSI PoE NVRs 8/16/24
- 4 Megapixel 2592 x 1520 Resolution at 30FPS
- Versatile 3-Axis Camera Mount
- 3.6mm MP Fixed Lens
- 24 IR LEDs (Up to 50ft Illumination)
- Aesthetically Pleasing Housing for Indoor/ Outdoor Use
- IP66 Weather Rating
- Vandal Resistant Dome or Bullet
- True Day/Night ICR
- H264 / H265 Compression
- PoE or 12VDC Input
- Web interface and Mobile App Support
- Solid and compact Aluminum construction

GST GSIP804BD GST GSIP805BC Vandal Ball Dome Bullet Camera

#### NEW GST GSIP814BD

## Vandal Ball Dome 2.8-12mm V/F Megapixel Lens 4 MP Day/Night Color IP Camera

- 1/3" OV HDR Megapixel CMOS Sensor
- Solid and compact Aluminum construction
- Plug and Play with GSI PoE NVRs 8/16/24
- 4 Megapixel 2592 x 1520 Resolution at 20FPS
- Versatile 3-Axis Camera Mount
- 2.8-12 mm V/F Megapixel Lens
- 30 IR LEDs (Up to 80ft Illumination)
- Aesthetically Pleasing Housing for Indoor/ Outdoor Use
- ONVIF and PSIA Conformant

#### NEW GST GSIP815BC

## Vandal Bullet 2.8-12mm V/F Megapixel Lens 4 MP Day/Night Color IP Camera

- 1/3" OV HDR Megapixel CMOS Sensor
- Plug and Play with GSI POE NVRs 8/16/24
- 4 Megapixel 2592 x 1520 Resolution at 20FPS
- Versatile 3-Axis Camera Mount
- 2.8-12 mm V/F Megapixel Lens
- 30 IR LEDs (Up to 80ft Illumination)
- Aesthetically Pleasing Housing for Indoor/ Outdoor Use

#### IP Weatherproof Cameras

#### **GST GSIP705BC**

IP Weatherproof Bullet Camera, 3.6MM Lens



#### FLIR IP: Dome Cameras

Built rugged, the FLIR Dome IP Camera offers HD picture quality in real time with outstanding night vision capabilities. Installation is made easy with PoE operation included.

#### Dome Cameras

#### FLR N233VE

Mini Vandal Dome, 3MP, 3MP@20fps, 2.8mm, IR LED's, PoE / 12V, ONVIF, Micro SD, dual streaming

#### **LR N237VE**

Motorized Varifocal Vandal Dome, 3MP, 3MP@20fps, 2.8-12mm, IR LED's, PoE / 12V, ONVIF, dual streaming

#### NEW FLR PE133E

3MP Fixed HD IP Eyeball Camera

- · PoE (Class 3) support for simplified cabling
- 12V DC / PoE (802.3af) operation
- Tamper detection
- ONVIF Profile S conformance
- Rugged construction for all weather conditions
- Cold climate capability (-22°F / -30°C)
- · IP66 weatherproof rating
- Simple wall / ceiling installation
- Remote access via iOS, Android™, PC & Mac when connected to a FLIR NVR
- Centralized viewing and control of up to 64 cameras on each screen with PC & Mac
- Access live or recorded video at any time on your iPad®, iPhone® or Android™ device
- Advanced mobile app features including remote playback, push notifications for motion/alarm, E-map, manual record/ snapshot to device

#### NEW FLR PE133F

#### **4MP Fixed HD IP Cameras**

- Outstanding image detail, both day and night
- PB133F/P 4MP HD @ 20fps, 1/3" CMOS, 2.8mm lens, 90ft (27m) IR range
- PoE (Class 3) support for simplified cabling
- ONVIF Profile S conformance
- 12V DC / PoE (802.3af) operation
- Simple wall / ceiling installation
- Rugged construction with advanced video correction features
- True Wide Dynamic Range (up to 100dB @ 3MP) provides more accurate detail in high contrast scenes
- Intelligent compression coupled with Region of Interest (ROI) optimizes video performance based on available bandwidth
- IP66 weatherproof rating with cold climate capability (-22°F / -30°C)
- Remote access via iOS, Android™, PC & Mac when connected to a FLIR NVR
- Centralized viewing and control of up to 64 cameras on each screen with PC & Mac
- Access live or recorded video at any time on your iPad®, iPhone® or Android™ device
- Advanced mobile app features including remote playback, push notifications for motion/alarm, E-map, manual record/ snapshot to device

## FLIR Thermal Security Cameras: The next level of security

FLIR Thermal Security Cameras can see as well at night as they can during the day. Cameras dependent on visible light are useless at night or in poor visibility without supplementary illumination from lights or lasers.

#### **FLR T4325BN**

Thermal Mini Bullet 25°, Tri-Mode IP/MPX/Analog

**FLR T4350BN** 

Thermal Mini Bullet 50°, Tri-Mode IP/MPX/Analog



# THE NEXT LEVEL OF PHYSICAL 8 VIDEO SECURITY

#### Gateway Unified Solutions.

The NLSS Gateway is a completely unique IP security solution. It combines video management, access control, video analytics and more onto a single networked platform that can be accessed through the Web browser. Data from these subsystems is automatically correlated into a sophisticated event management system, providing users with a comprehensive view of security operations. Video, access, intrusion, system health events and more can be linked to specific actions or automatically send email notifications. Because there is no software to install, the NLSS Gateway is a true browser-based solution that can be accessed from any Web-enabled device.

The NLSS Gateway is available in a variety of different models - NLSS Gateway 500-3, NLSS Gateway 3000 and NLSS Gateway 6100. The NLSS Gateways are fully integrated with ATV IP cameras for seamless API camera programming.

To learn more, contact us today at **888.288.7644** or visit **www.atvideo.com/support-center/request-info.** 





















## speco technologies

#### CSI O2FB3M

Flexible Intensifier® Technology 1080p Indoor/ Outdoor IP Bullet Camera, 2.8-12mm lens, Dark **Grey Housing** 

- Flexible Intensifier® Technology fits any lighting application - color in low light, monochrome with IR in almost complete darkness, and monochrome without IR in low light
- Adaptive IR LEDs
- IR Range: 98' (depending on scene reflection)
- Motorized lens with auto focus
- Supports up to Full HD resolution @ 30fps
- Built-in standard PoE (IEEE 802.3af) Wide dynamic range (WDR) operation
- Supports H.264 and MJPEG codecs
- 2-way audio communication
- Micro SD card slot (card not included)
- Sensor input and relay output
- Built-in heater and anti-fog glass reduces condensation under any weather condition
- IP66 compliant
- Conformant with ONVIF profile S
- 2 year warranty

#### CSI O2FD4M

Flexible Intensifier® Technology 1080p Indoor/ Outdoor IP Dome Camera, 2.8-12mm lens, Dark **Grey Housing** 

- Flexible Intensifier® Technology fits any lighting application - color in low light, monochrome with IR in almost complete darkness, and monochrome without IR in low light
- Adaptive IR LEDs
- IR Range: 50' (depending on scene reflection)
- Motorized lens with auto focus
- Supports up to Full HD resolution @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- Wide dynamic range (WDR) operation
- Supports H.264 and MJPEG codecs
- 2-way audio communication
- Micro SD card slot (card not included)
- Sensor input and relay output
- Built-in heater and anti-fog glass reduces condensation under any weather condition
- IP66 compliant
- · Conformant with ONVIF profile S
- 2 year warranty

#### CSI O2IB3M

Intensifier IP Full HD 2MP Bullet, 2.8-11mm motorized lens, grey housing

#### CSI O2ID4M

Intensifier IP Full HD 2MP Vandal Dome, 2.8-11mm motorized lens, grey housing

#### CSI O2IMD1

Intensifier IP Full HD 2MP Outdoor Miniature dome, 2.9mm Lens, Grey Housing

#### NEW CSI 02B6

Full HD 1080p Indoor/Outdoor Bullet IP Camera, 3.6mm fixed lens, Dark Grey Housing

- · 3.6mm fixed lens
- Supports up to Full HD 1080p @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- Smart IR function provides vivid image with no saturation in darkness

- True Day/Night operation (IR cut filter)
- IR Range: 50' (depending on scene reflection)
- Supports H.264 and MJPEG codecs
- Micro SD slot
- 2-way audio communication
- Sensor input and relay output
- Built-in heater reduces condensation under any weather condition
- IP66 compliant
- Conformant with ONVIF Profile S
- 2 year warranty

#### NEW CSI O2C1

#### 1080p H.265 Wi-Fi IP Camera, 2.9mm fixed lens, **Black Housing**

- Dual-band Wi-Fi camera (2T2R 802.11n)
- · Perfect for residential applications
- Easy setup through mobile app no need to log into camera through a web viewer to connect it to an access point
- Flexible recording options record to SecureGuard® VMS, NS/HS/HT recorders, edge recording on micro SD cards, and local PC recording through web browser
- Supports up to full HD 1080p @ 30fps
- Triple-codec operation H.265/H.264/MJPEG
- H.265 compression saves approximately 40% in storage and bandwidth compared to H.264
- Built-in speaker and microphone for 2-way audio communication

#### NEW CSI O2CP2

1080p H.265 Wi-Fi Pan/Tilt IP Camera, 3.6mm fixed lens, White Housing

- Dual-band Wi-Fi camera (2T2R 802.11n)
- Remote pan & tilt control
- Perfect for residential applications
- Easy setup through mobile app no need to log into camera through a web viewer to connect it to an access point
- Flexible recording options record to SecureGuard® VMS, NS/HS/HT recorders, edge recording on micro SD cards, and local PC recording through web browser
- Supports up to full HD 1080p @ 30fps
- Triple-codec operation H.265/H.264/MJPEG
- H.265 compression saves approximately 40% in storage and bandwidth compared to H.264
- Built-in speaker and microphone for 2-way audio communication

#### NEW CSI O2D5M

Full HD 1080p 2MP Indoor/Outdoor Dome IP Camera, 3.3-10mm Lens, Dark Grey Housing

- 3.3-10mm auto iris varifocal motorized lens
- Supports up to Full HD 1080p @ 30fps
- Motorized lens with auto focus
- Built-in standard PoE (IEEE 802.3af)
- Smart IR function provides vivid image with no saturation in darkness
- True Day/Night operation (IR cut filter)
- IR Range: 65' (depending on scene reflection)
- Supports H.264 and MJPEG codecs
- 2-way audio communication
- Micro SD card slot (card not included)
- Sensor input and relay output
- Built-in heater reduces condensation under any weather condition
- IP66 compliant
- Conformant with ONVIF profile S
- · 2 year warranty

IP NETWORK

#### NEW CSI O2VLB5

## 2MP 1080p Indoor/Outdoor Bullet IP Camera, 3.6mm Fixed Lens, White Housing

- Supports up to Full HD 1080p @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- True Day/Night operation (IR cut filter)
- Built-in IR LEDs
- IR Range: 50' (depending on scene reflection)
- Supports H.264 and MJPEG codecs
- IP66 compliant
- Conformant with ONVIF Profile S
- 2 year warranty

#### NEW CSI O2VLD5

## 2MP 1080p Indoor/Outdoor Dome IP Camera, 3.6mm Fixed Lens White Housing

- Supports up to Full HD 1080p @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- True Day/Night operation (IR cut filter)
- Built-in IR LEDs
- IR Range: 50' (depending on scene reflection)
- Supports H.264 and MJPEG codecs
- IP66 compliant
- Conformant with ONVIF Profile S
- 2 year warranty

#### NEW CSI O5D4M

# 5MP H.265 Indoor/Outdoor Dome IP Camera, 3.6-10mm motorized lens, Dark Grey Housing

- Supports up to 5MP resolution @ 30fps
- Triple-codec operation H.265/H.264/ MJPEG
- H.265 compression saves approximately 40% in storage and bandwidth compared to H.264
- Adaptive IR LEDs
- IR Range: 50' (depending on scene reflection)
- Chameleon Cover™: snaps on and can be painted to match any décor!\*
- · Motorized lens with auto focus
- Built-in standard PoE (IEEE 802.3af)
- Wide dynamic range (WDR) operation
- 2-way audio communication
- Micro SD card slot (card not included)
- Sensor input and relay output
- IP66 compliant
- Conformant with ONVIF profile S
- 2 year warranty

#### **CSI 02B16**

#### Full HD 1080p 2MP Bullet IP Camera, 3-9mm Lens, Dark Grey Housing

- EZ Focus: Motorized 3x zoom lens with auto focus for completely hassle-free remote focusing
- Supports up to Full HD 1080p @ 60fps
- Built-in standard PoE (IEEE 802.3af)
- True Day/Night operation (IR cut filter)
- Built-in IR LEDs
- IR Range: 98 ft. (depending on scene reflection)
- Wide dynamic range (WDR) operation
- 2-way audio communication
- Micro SD card slot (card not included)
- IP66 compliant
- ONVIF Profile S listed
- 2 year warranty

#### NEW CSI O2D11M

## 2MP H.265 Dome IP Camera, 2.8-12mm Lens, Dark Grey Housing

- 2.8-12mm auto iris varifocal motorized lens EZ Focus: motorized 3-axis & optical zoom lens
- with auto focus for hassle-free remote focusing
- Supports up to Full HD 1080p @ 60fps
- Triple-codec operation H.265/H.264/ MJPEG
- True Day/Night operation (IR cut filter)
- Smart IR function provides vivid image with no saturation in darkness
- IR Range: 65' (depending on scene reflection)
- Built-in standard PoE (IEEE 802.3af)
- Wide dynamic range (WDR) operation
- 2-way audio communication
- Micro SD card slot (card not included)
- IP66 compliant, weather resistant
- IK10 compliant, vandal resistant
- Conformant with ONVIF profile S
- 2 year warranty

#### CSI O2DP9

## Full HD 1080p 2MP Indoor Miniature Dome IP Camera, 3.7mm Fixed Lens, White Housing

- Free Apps with support for view on most smart devices
- 3.7mm fixed lens
- Supports up to Full HD 1080p @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- True Day/Night operation (IR cut filter)
- Built-in IR LEDs
- IR Range: 30' (depending on scene reflection)
- Wide dynamic range (WDR) operation
- Supports H.264 and MJPEG codecs
- · ONVIF Profile S listed
- 2 year warranty

#### CSI O3VLB3

## 3MP Indoor/Outdoor Bullet IP Camera, 2.8mm fixed lens, dark grey housing

- Supports 3MP @ 20fps and 1080p @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- True Day/Night operation (IR cut filter)
- IR Range: 98' (depending on scene reflection)
- Supports H.264 and MJPEG codecs
- IP67 compliant

#### CSI O3VLD1

#### 3MP Indoor/Outdoor Vandal Resistant Dome IP Camera, 2.8mm fixed lens, white housing

- Supports 3MP @ 20fps and 1080p @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- True Day/Night operation (IR cut filter)
- IR Range: 98' (depending on scene reflection)
- Supports H.264 and MJPEG codecs
- IP67 and IK10 compliant

#### CSI O5MDP1

5MP 360° Panoramic Indoor/Outdoor Miniature Dome IP Camera, 0.98-1.12mm panomorph lens, Dark Grey Housing

- 360° field of view
- Various panoramic viewing features

- 5MP resolution
- Built-in standard PoE (IEEE 802.3af)
- Supports H.264 and MJPEG codecs
- 2-Way audio communication
- Micro SD card slot (card not included)
- P IP66 compliant
- ONVIF Profile S
- 2 year warranty



#### TruVision® IP Cameras

#### **ILX TVB3105**

TruVision® IP bullet camera, 3.0MPX, 2.8~12mm VF lens, true D/N, DWDR, 30m IR, alarm, SD/SHDC slot, PoE (803.af) /12VDC, IP66, NTSC

#### **ILX TVB3203**

TruVision IP Bullet Camera, 3MPx, 8~32mm Motorized Lens, WDR, True D/N, 50m IR, Alarm, SD/SHDC Slot, Intelligence, PoE (802.3-af) /12VDC, Heater, IP66, NTSC

#### **ILX TVD3105**

TruVision® IP mini dome, 1.3MPX, true D/N, 2.8mm fixed lens, DWDR, 10m IR, IP66, PoE (803.af)/ 12VDC, BNC, NTSC

#### **ILX TVD3106**

TruVision® IP mini dome, 3.0MPX, true D/N, 2.8mm fixed lens, DWDR, 10m IR, IP66, PoE (803.af)/ 12VDC, BNC, NTSC

#### **ILX TVW3103**

TruVision® IP Wedge Camera, 1.3MPx, Wi-Fi, 2.8mm fixed lens, DWDR, True D/N, 10M IR, SD/SHDC slot, PoE (802.3-af)/12VDC, corrosion resistant, IP66, IK8, audio, gray housing, NTSC

#### **ILX TVW3104**

TruVision® IP Wedge Camera, 1.3MPx, Wi-Fi, 2.8mm fixed lens, DWDR, True D/N, 10M IR, SD/SHDC slot, PoE (802.3-af)/12VDC, corrosion resistant, IP66, IK8, audio, white housing, NTSC

#### **ILX TVW3105**

TruVision® IP Wedge Camera, 3.0MPx, Wi-Fi, 2.8mm fixed lens, DWDR, True D/N, 10M IR, SD/SHDC slot, PoE (802.3-af)/12VDC, corrosion resistant, IP66, IK8, audio, gray housing, NTSC

#### **ILX TVW3106**

TruVision® IP Wedge Camera, 3.0MPx, Wi-Fi, 2.8mm fixed lens, DWDR, True D/N, 10M IR, SD/SHDC slot, PoE (802.3-af)/12VDC, corrosion resistant, IP66, IK8, audio, white housing, NTSC

#### **ILX TVW3107**

TruVision® 1.3MPx Open Standards, Progressive Scan CMOS Low Profile Wedge Vandal Dome Camera, Elec D/N, 2.0mm Fixed Lens, ONVIF/PSIA, PoE/12VDC, IP66, NTSC, Gray

#### **ILX TVW3108**

TruVision® 1.3MPx Open Standards, Progressive Scan CMOS Low Profile Wedge Vandal Dome Camera, Elec D/N, 2.0mm Fixed Lens, ONVIF/PSIA, PoE/12VDC, IP66, NTSC, White















#### **ILX TVW3109**

TruVision® 1.3MPx Open Standards, Progressive Scan CMOS Low Profile Wedge Vandal Dome Camera, Elec D/N, 2.0mm Fixed Lens, ONVIF/PSIA, PoE/12VDC, IP66, NTSC, Black

#### **ILX TVW3116**

TruVision® IP Wedge Camera, 3.0MPx, Wi-Fi, 6mm fixed lens, DWDR, True D/N, 10M IR, SD/SHDC slot, PoE (802.3-af)/12VDC, corrosion resistant, IP66, IK8, audio, white housing, NTSC

#### **ILX TVB3101**

TruVision® 1.3MPx Open Standards, Progressive Scan CMOS, Outdoor Bullet, True D/N, DWDR, 6mm Fixed Lens, 25m IR, ONVIF/PSIA, PoE/12VDC, IP66, NTSC

#### **ILX TVB3102**

TruVision® 3.0MPx Open Standards, Progressive Scan CMOS, Outdoor Bullet, True D/N, DWDR, 6mm Fixed Lens, 25m IR, ONVIF/PSIA, PoE/12VDC, IP66, NTSC

#### **ILX TVD3101**

TruVision® 1.3MPx Open Standards, Progressive Scan CMOS, Indoor Mini-dome, DDN, DWDR, 2.8mm Fixed Lens, BNC Out, ONVIF/PSIA, PoE Only, NTSC

#### **ILX TVD3102**

TruVision® 3.0MPX Open Std, Progressive Scan CMOS, Indoor Mini Dome, DDN, DWDR, 2.8mm Fixed Lens, BNC out, ONVIF/PSIA, POE only, NTSC

#### **ILX TVD3103**

TruVision® 1.3MPx Open Standards, Progressive Scan CMOS, Outdoor Vandal Dome, True D/N, DWDR, 2.8-12mm VF Lens, 15m IR, Micro SD Slot, ONVIF/PSIA, POE/12VDC, NTSC

#### ILX TVD3104

TruVision® 3.0MPx Open Standards, Progressive Scan CMOS, Outdoor Vandal Dome, True D/N, DWDR, 2.8-12mm VF Lens, 15m IR, Micro SD Slot, ONVIF/PSIA, POE/12VDC, NTSC

#### **ILX TVW3101**

TruVision® 1.3MPx Open Standards, Progressive Scan CMOS Low Profile Mini-dome Camera, True D/N, DWDR, 2.8mm Fixed Lens, 10m IR, Micro SD Slot, ONVIF/PSIA, PoE/12VDC, IP66, NTSC

#### **ILX TVW3102**

TruVision® 3.0MPx Open Standards, Progressive Scan CMOS Low Profile Mini-dome Camera, True D/N, DWDR, 2.8mm Fixed Lens, 10m IR, Micro SD Slot, ONVIF/PSIA, PoE/12VDC, IP66, NTSC

#### **ILX TVF3101**

TruVision® 360º Indoor Dome Camera, 3MPx, WDR, 1.19mm Fisheye Lens, True D/N, 10m IR, 2-Way Audio (built-in mic & speaker), SD/SHDC Slot, PoE (802.3af) /12VDC, NTSC

#### **ILX TVF3102**

TruVision® 360° Outdoor Dome Camera, 3MPx, WDR, 1.19mm Fisheye Lens, True D/N, 10m IR, 2-Way Audio (built-in mic & speaker), SD/SHDC Slot, PoE (802.3af) /12VDC, IP66, IK10, NTSC

#### IX TVF3103

TruVision® 360° Indoor Dome Camera, 6MPx, DWDR, 1.27mm Fisheye Lens, True D/N,10m IR, 2-Way Audio (built-in mic & speaker), SD/SHDC Slot, PoE (802.3af) /12VDC, NTSC

#### ILX TVF3104

TruVision® 360° Outdoor Dome Camera, 6MPx, DWDR, 1.27mm Fisheye Lens, True D/N, 10m IR, 2-Way Audio (built-in mic & speaker), SD/SHDC Slot, PoE (802.3af) /12VDC, IP66, IK10, NTSC



#### **IDV BUF363MP**

3 Megapixel IR Bullet, 1/3" Aptina CMOS, 2048 x 1536, fixed lens 3.6mm, 0.1 Lux/F1.4 (0 Lux IR on), H.264/JPEG Snapshot, Day/Night, DWDR, Day/Night, 3DNR, AWB, AGC, BLC, IR Distance 60ft, IP66, DC12V /PoE, 14°F  $^{\sim}$  140°F, 3.5" x 2.5" x 9", 0.85 lbs

IDV BUF362MP 2MP IP IR Bullet Camera 3.6MM, 12VDC/ PoE -IP66-DWDR

#### **IDV DEF363MP**

3 Megapixel Eyeball Dome camera, 1/3" Aptina CMOS, 2048 x 1536, fixed lens 3.6mm, H.264/JPEG Snapshot, 0.1 Lux/ F1.4 (0 Lux IR on), DWDR, Day/ Night, BLC, AGC, AWB, 3DNR, IR distance IP66, DC 12V/PoE, 14 °F ~ 140 °F, 3.8" x 3.2", 0.75 lbs

**IDV DEF362MP** 2MP IP IR Turret Camera DWDR 12VDC/ PoE -3.6MM Lens

**IDV DF362MP** 2MP IP IR Mini-Dome Camera, 3.6MM-12VDC/ PoE -DWDR-IP66

**IDV DF363MP** 3MP IP IR Mini-Dome Camera, 3.6MM-12VDC/ PoE -DWDR-IP66

**IDV DP362MP** 2MP IP IR Pancake Dome Camera, 3.6MM-12VDC/ PoE -DWDR-IP66

IDV DP363MP 3MP IP IR Pancake Dome Camera, 3.6MM-12VDC/ PoE -DWDR-IP66

#### NEW IDV BUF364MP

4MP IP IR Bullet Camera 3.6mm Lens

#### NEW IDV DEF284MP

4MP IP Turret Camera 2.8mm Lens

#### NEW IDV DEF364MPG

4MP Turret Camera 3.6mm Lens Gray

#### **NEW IDV DEF364MPW**

4MP IP Turret Camera 3.6mm Lens White



## Transcendent Series Megapixel Cameras

3MP IP IR Outdoor WDR Bullet Camera, 2.8-12mm Lens, 12VDC/PoE

- Up to 30fps live view @ 1920x1080 (2MP) / 15fps live view @ 2048x1536 (3MP)
- 36 Infrared LED's with 120' IR Range
- H.264/MJPEG Dual Streaming
- ONVIF Compliance
- IP66 Weather Resistance

#### VIT VTCTNB42R3F

3MP IP IR Outdoor WDR Bullet Camera, 3.6mm Lens, 12VDC/PoE

- Up to 30fps live view @ 1920x1080 (2MP) / 15fps live view @ 2048x1536 (3MP)
- 42 Infrared LED's with 150' IR Range
- · H.264/MJPEG Dual Streaming
- ONVIF Compliance
- IP66 Weather Resistance

## VIT VTCTNT30R3F

#### 3MP IP IR Indoor/Outdoor WDR Turret Camera, 3.6mm Lens-12VDC/PoE

- Up to 30fps live view @ 1920x1080 (2MP) / 15fps live view @ 2048x1536 (3MP)
- 30 Infrared LED's with 100' IR Range
- · H.264/MJPEG Dual Streaming
- **ONVIF Compliance**
- IP66 Weather Resistance

#### VIT VTCTNT30R3V

#### 3MP IP IR Indoor/Outdoor WDR Turret Camera, 2.8-12mm Lens-12VDC/PoE

- Up to 30fps live view @ 1920x1080 (2MP) / 15fps live view @ 2048x1536 (3MP)
- · 30 Infrared LED's with 100' IR Range
- · H.264/MJPEG Dual Streaming
- **ONVIF Compliance**
- **IP66** Weather Resistance

#### VIT VTDTND30R3V

#### 3MP IP IR Vandal Resistant Dome Camera, 2.8-12mm Lens, 12VDC/PoE

- Up to 30fps live view @ 1920x1080 (2MP) / 15fps live view @ 2048x1536 (3MP)
- 30 Infrared LED's with 100' IR Range
- H.264/MJPEG Dual Streaming
- ONVIF Compliance
- IP66 Weather Resistance

#### VIT VTCIR302FNP

#### ENVI 2.1 MegaPixel WDR Day/Night IR Bullet Camera with 120' Range, 3.6mm Fixed Lens

1/2.9" Sony® Exmor™ Progressive Scan **CMOS Sensor** 

- Up to 30fps live view @ 1920x1080p
- 30 850nm Infrared LEDs with 120' IR
- Auto True Day Night (TDN) with Dual Filter Switch for no focus shift at night
- WDR (Wide Dynamic Range)
- 3D-DNR Noise Reduction
- 16:9 Video format
- H.264/MJPEG Dual Streaming
- Minimal Latency w/Max 16 User Connections
- **ONVIF Profile S Compatibility**
- MicroSD Card Slot supporting up to 64GB cards for Onboard EDGE Recording and Playback
- Motion Detection, Privacy Masking & Highlight Masking
- Gasket Sealed with an IP66 Weather Resistance Rating
- 12VDC & PoE (Power over Ethernet) Operation

#### VIT VTCAR2B4FN

#### 2.4 MP Bullet Camera with 3.6mm Fixed Iris Lens

- 1/2.7" Progressive Scan CMOS
- 2.4 MegaPixel With full 1080p/720p Output
- Up to 30fps live view @ 1920x1080 (1080p)
- Automatic True Day/Night
- · H.264/MJPEG Dual Streaming
- 24 IR LEDs with up to 60' Range
- Micro SD memory card slot for Local recording

- Advanced OSD Functions: Motion **Detection & Privacy Masking**
- Heavy Duty IP66 rated weather/vandal resistant aluminum construction
- 12VDC & PoE (Power over Ethernet) Operation

## TOSHIBA

Leading Innovation >>>

#### TOS IKSWR7022

#### 1080P Light Duty PTZ Camera with WDR, Day/Night, IP66 and ONVIF

This 1080p PTZ camera is suitable for both indoor and outdoor applications where panning and tilting functions are required. Full HD resolution, 350° pan, and 90° tilt provides full coverage for any large area. ONVIF compliant and 802.3af Power over Ethernet ensure compatibility with virtually any system.

#### **TOS IKWB82A**

3MP Outdoor Bullet with IR, Adaptive IR LEDs, Hallway View and Remote Auto Focus Powerful 3MP resolution, 4x optical remote zoom and remote focus make monitoring large areas easy, while H.264 Smart Codec reduces network bandwidth. Adaptive IR LEDs and Hallway view give extra versatility for almost any application. It comes complete and ready for installation without the need for any accessories.







# TOSHIBA **TOS IKSWP816R**











#### TOS IKSWD6112

1080p indoor low profile dome, 3.6mm, ONVIF, H.264, PoE, SD Card, WDR

#### TOS IKSWP816R

1080p outdoor PTZ, 4.7-84.6mm, 18x optical zoom, IP66, ONVIF, H.264, WDR

#### TOS IKSWP806

IKS-WP806 is an 18x 1080p HD PTZ IP camera designed for indoor applications. Full HD resolution, 18x optical zoom and pattern tour provides full coverage for any large area. ONVIF compliant and 802.3at Power over Ethernet Plus ensure compatibility with any system.

- 18x optical zoom
- · 1080p HD video high resolution video image capture
- Pattern tour
- True Day/Night
- ONVIF compliant for maximum compatibility
- Power over Ethernet Plus (802.3at)
- Digital Wide Dynamic Range

#### **TOS IKWD04A**

#### 1MP Varifocal Indoor Mini-Dome

- 720p HD video high resolution image capture
- Wide dynamic range enables use in locations with difficult lighting conditions
- Varifocal 3mm 12mm lens
- ONVIF compliant for maximum compatibility
- Dual power; PoE (802.3af) and 12VDC
- MicroSD card for edge recording

#### **TOS IKWR04A**

#### **Outdoor IP Network Mini-Dome Camera**

- 720p HD video high resolution image capture
- · Wide dynamic range enables use in multiple
- Varifocal 3mm 12mm optical zoom
- ONVIF compliant for maximum compatibility
- Power over Ethernet (802.3af)
- · MicroSD card for edge recording
- IP66 rated housing
- IK10 vandal proof rating
- · Works great with the following recording solutions: ESV series, DVSe, XVSe, NVSe, IPSe, **NVSPRO**

#### TOS IKWD05A

#### Wide Angle Indoor IP Mini-dome

- 110 degree horizontal viewing angle captures
- 1080p HD video image capture
- True Day/Night with IR LEDs
- · Pre-focused lens for objects at close range up to infinity
- ONVIF for maximum compatibility
- Power over Ethernet (802.3af)
- MicroSD card for edge recording

#### **TOS IKWR05A**

#### Wide Angle Outdoor IP Mini-dome

- 110 degree horizontal viewing angle
- 1080p HD video image capture
- True Day/Night with IR LEDs
- Pre-focused lens for objects at close range up to infinity
- ONVIF for maximum compatibility
- Power over Ethernet (802.3af)
- MicroSD card for edge recording
- IP66 rated housing

#### **TOS IKWD14A**

#### Indoor IP Mini-Dome Camera, 2MP

- Full HD 1080p streaming resolution (1920 x 1080) @ 30 fps
- H.264/MPEG4/JPEG quad streaming compression maintains low network bandwidth and maximum versatility
- Wide dynamic range for challenging lighting environments
- Advanced SR LED IR illuminators
- **ONVIF** compliant
- Day/night imaging
- Simple installation and deployment
- Two year warranty

#### **TOS IKWR14A**

#### Outdoor HD IP Vandal Dome Camera, 2MP

- Remote optical zoom and one-touch remote auto focus for faster installation
- Full 1080p HD video high resolution image capture (1920 x 1080)
- Advanced SRLED technology for edge to edge lighting down to 0 lux
- Wide dynamic range optimizes visibility in difficult lighting conditions
- Vandal resistant IP66 housing
- ONVIF compliant interface for maximum compatibility
- Improved cable management

#### **TOS IKWB81A**

#### 1080p HD Bullet IP Camera

- Remote optical zoom and one-touch remote auto focus for faster installation
- Full 1080p HD video high resolution image capture
- Advanced SRLED technology providing 53° illumination angle for edge to edge lighting
- Split glass design eliminates IR back reflection
- Wide dynamic range optimizes visibility in difficult lighting conditions
- Weatherproof IP66 housing
- **ONVIF** compliant
- SD card slot for edge recording



#### Storm MP IP Cameras

#### **INA INSBO2IRWA**

Storm 2.1MP IR Bullet Camera Auto-Focus, WDR, 2.7-12mm Lens

#### **INA INSDO2IRV**

Storm 2.1MP IR Outdoor Dome Camera-2.7-12mm Lens-12VDC/PoE

#### **INA INSDO2IRWA**

Storm 2.1MP IR Outdoor Dome Camera Auto-Focus, WDR, 2.7-12mm

#### **INA INSDO3IRV**

#### Storm 3.1MP Vari-Focal Outdoor Dome Camera, 2.7-12mm lens, 12VDC, PoE

- 1/3" Megapixel progressive scan CMOS
- · H.264 & MJPEG dual-stream encoding
- Max 20fps@ 3M (2148 x 1536)
- DWDR, Day/Night(ICR), AWB, AGC, BLC
- 2.7mm-12mm vari focal,IP66, IK10, PoE

**INA INSDO3IRA** Storm 3.1MP IR Outdoor Dome Camera -2.7-12mm, 12VDC/PoE

INA INSMDO2F Storm 2.1MP Outdoor Dome Camera 3.6mm, 12VDC/PoE



ATV IPB3TI IP Bullet, 3MP, TDN, DWDR, Corridor, 2.8-12mm, 3X, Micro-SD, 36-IR, IP66, 12VDC/PoE

**ATV IPFD3TI** IP Int Surface/Flush Dome, 3MP, TDN, DWDR, Corridor, 2.8-12mm, 3X, Micro-SD, 30-IR, IP66, 12VDC/PoE

**ATV IPVD3TI** IP Vandal, 3MP, TDN, DWDR, Corridor, 2.8-12mm, 3X, Micro-SD, 36-IR, IP66, 12VDC/PoE

#### **ATV IPCH2M43PB**

## Covert Mega-Pixel IP Height Strip Camera, 2MP, 4.3mm, Black

- · Covert IP Camera in Height Strip Housing
- Brilliant Video Quality with 2 Mega-Pixel Full HD, 1920 x 1080 Resolution
- Highly efficient H.264 Video Compression
- Wide Dynamic Range for High Contrast Lighting Conditions
- Swivel Bracket for Horizontal and 5º Tilt Lever for Vertical Camera Adjustments
- Supports Micro-SD Memory Card Slot for Local Recording Storage
- ONVIF Compliant for Network Video Interoperability
- 12 VDC/PoE Power Options

#### **ATV IPMB2FI**

## 2MP True Day/Night, On-Board Storage, IR, Mini-Bullet Camera

- Superior 2MP Full HD, 1920 x 1080 Resolution
- TRUE Day/Night Functionality for Low-light Conditions
- Highly Efficient H.264 Video Compression which Drastically Reduces Bandwidth and Storage Requirements
- Progressive Scanning for Sharper Video Motion Images
- 3.7 Wide Angle, Fixed Lens
- Triple Video Streams Simultaneously, up to 30-ips, at 1080p Resolution using H.264 and MJPEG Compression
- Powerful IR LED Lights for OLux Night-time Operation up to 60ft
- Supports a Micro-SD Memory Card Slot for Local, Event Detection Recording
- Backlight Compensation and Auto White Balance
- Motion Detection (Windows 8), Privacy Masking (Windows 8) and FTP Image Upload
- Up to 10 Simultaneous Connections through Remote Monitoring
- View and Record up to 64 Cameras or View and Manage up to 64 NVR's, with included ATVision IP Remote Management Software
- ONVIF Compliant for Network Video Interoperability
- PoE & 12VDC Power Options
- IP67 Rated Weather Resistant Housing

#### **ATV IPMD2FI**

## 2MP True Day/Night, On-Board Storage, IR, Interior Mini-Dome Camera

- Superior 2MP Full HD, 1920 x 1080 Resolution
- TRUE Day/Night Functionality for Low-light Conditions
- Highly Efficient H.264 Video Compression which Drastically Reduces Bandwidth and Storage Requirements
- Progressive Scanning for Sharper Video Motion Images
- 3.7 Wide Angle, Fixed Lens
- Triple Video Streams Simultaneously, up to 30-ips, at 1080p Resolution using H.264 and MJPEG Compression
- Powerful IR LED Lights for OLux Night-time Operation up to 60ft
- Supports a Micro-SD Memory Card Slot for Local, Event Detection Recording
- Backlight Compensation and Auto White Balance
- Motion Detection (Windows 8), Privacy Masking (Windows 8) and FTP Image Upload
- Up to 10 Simultaneous Connections through Remote Monitoring
- View and Record up to 64 Cameras or View and Manage up to 64 NVR's, with included
- ATVision IP Remote Management Software
- ONVIF Compliant for Network Video Interoperability
- PoE & 12VDC Power Options

## NVR/Streaming Video Recorders:



## NVR-E Series with Built In POE Switches

#### NVR w/ 4 PoE HDMI e-SATA 1HDD 2TB

- 4CH PoE, 2MP Recording
- · Automatic Device Discovery and Display
- IR Remote and Mouse Incl.
- License Free ATVision Software Incl.
- 1TB and 2TB models, ONVIF

#### ATV N08P4

#### NVR w/ 8 PoE HDMI e-SATA 2HDD 4TB

- 8CH PoE, 2MP Recording
- · Automatic Device Discovery and Display
- IR Remote and Mouse Incl.
- License Free ATVision Software Incl.
- 2TB and 4TB models, ONVIF

#### **ATV N16P2**

#### NVR w/ 16 PoE HDMI e-SATA 2HDD 2TB

- 16CH PoE, 2MP Recording
- Automatic Device Discovery and Display
- IR Remote and Mouse Incl.
- License Free ATVision Software Incl.
- ONVIF

#### **ATV N16P4**

#### NVR w/ 16 PoE HDMI e-SATA 2HDD 4TB

Same features as above

#### ATV N4P1B4

Plug-N-Play Kit: NVR 4CH, PoE, HDMI, 1TB, and (4) 2MP IR Bullet Cameras

#### ATV N4P1T4

Plug-N-Play Kit: NVR 4CH, PoE, HDMI, 1TB, (4) 2MP Turret Cameras

#### ATV N8P2B4

Plug-N-Play Kit: NVR 8CH, PoE, HDMI, 2TB, (4) 2MP IR Bullet Cameras

#### ATV N8P2T4

Plug-N-Play Kit: NVR 8CH, PoE, HDMI, 2TB, (4) 2MP IR Turret Cameras



#### TruVision® NVR 10

The TruVision® NVR 10 (TVN 10) is a cost effective, network video recorder with up to 8 built-in PoE ports designed to support video streams from IP video cameras. With a total of 20/40/80Mbps of total bandwidth available, the NVR 10 can support up to 16 cameras at HD resolution in real-time (30fps) and many other configurations. Flexible bandwidth allocation per channel allows users to maximize recording performance. In addition to browser, software and mobile device management tools, the familiar front panel controls allow for easy operation. On-board PoE ports support up to 120 watts for ease of installation.

#### ILX TVN1004CS1T

TruVision® NVR 10, 4 channels, 4 channel PoE switch, 12 Mbps, 1TB

#### ILX TVN1004CS2T

TruVision® NVR 10, 4 channels, 4 channel PoE switch, 12 Mbps, 2TB

#### ILX TVN1008S2T

TruVision® NVR 10, 8 channels, 8 channel PoE switch, 24 Mbps, 2TB

#### ILX TVN1008S4T

TruVision® NVR 10, 8 channels, 8 channel PoE switch, 24 Mbps, 4TB

#### ILX TVN1016S3T

TruVision® NVR 10, 16 channels, 8 channel PoE switch, 80 Mbps, 3TB

#### **ILX TVN1016S6T**

TruVision® NVR 10, 16 channels, 8 channel PoE switch, 80 Mbps, 6TB

## TruVision Plug-N-Play IP Video Bundle

## TruVision® NVR 10 Plug and Play Kits LLX TVN1004KB1

#### 4-Channel Kit w/4 Bullet Cameras Kit

- 1 x TVN-1004cS-1TB
  - 4-Channel NVR 10 Compact w/Builtin 4-Port PoE Switch, 1TB Storage
- 4 x TVB-3101
  - 1.3MPx Open Standards IR Bullet Cameras



# interlogix United Technologies ILX TVN2116P8T



× inaxsys









#### **ILX TVN1004KW1**

#### 4-Channel Kit w/4 Wedge Cameras Kit

- 1 x TVN-1004cS-1TB
  - 4-Channel NVR 10 Compact w/Built-in
     4-Port PoE Switch, 1TB Storage
- 4 x TVW-3101
  - 1.3MPx Open Standards Low-profile Mini Dome IR Wedge Cameras

#### ILX TVN1008KB1

#### 8-Channel Kit w/4 Bullet Cameras Kit

- 1 x TVN-1008S-2TB
  - 8-Channel NVR 10 w/Built-in 8-Port PoE Switch, 2TB Storage
- 4 x TVB-3101
  - 1.3MPx Open Standards IR Bullet Cameras

#### ILX TVN1008KW1

#### 8-Channel Kit w/4 Wedge Cameras Kit

- 1 x TVN-1008S-2TB
  - 8-Channel NVR 10 w/Built-in 8-Port PoE Switch, 2TB Storage
- 4 x TVW-3101
  - 1.3MPx Open Standards Low-profile Mini Dome IR Wedge Cameras

#### TruVision® NVR 21

The TruVision® NVR 21 (TVN 21) is a high-performance network video recorder designed to support video streams from IP video cameras. With a total of 40/80 Mbps of total bandwidth available, the TVN 21 can support up to 16 cameras at HD resolution in real-time (30fps) and many other configurations. Flexible bandwidth allocation per channel allows users to maximize recording performance. In addition to browser, software and mobile device management tools, the NVR 21's familiar front panel controls allow for easy operation.

ILX TVN21082T 8-Channels, 2TB Storage
ILX TVN21084T 8-Channels, 4TB Storage
ILX TVN21162T 16-Channels, 2TB Storage
ILX TVN21164T 16-Channels, 8TB Storage
ILX TVN21168T 16-Channels, 8TB Storage

#### TruVision® NVR 21Plus

The TruVision® NVR 21Plus (TVN 21P) is a high-performance network video recorder designed to support video streams from IP video cameras. With a total of 40/80/160 Mbps of total bandwidth available, the NVR 21Plus can support up to 32 cameras at HD resolution in real-time (30fps) and many other configurations. Flexible bandwidth allocation per channel allows users to maximize recording performance. In addition to browser, software and mobile device management tools, the familiar front panel controls allow for easy operation.

#### **ILX TVN2108P4T**

TruVision® NVR 21Plus, 8-Channels, IP H.264 ONVIF/PSIA 40Mbps Bandwidth, eSATA, 4TB Storage

#### **ILX TVN2116P8T**

TruVision® NVR 21Plus, 16-Channels, IP H.264 ONVIF/PSIA, 80Mbps Bandwidth, eSATA, 8TB Storage

#### **ILX TVN2132P12T**

TruVision® NVR 21Plus, 32-Channels, IP H.264 ONVIF/PSIA, 160Mbps Bandwidth, eSATA, 12TB Storage

#### **ILX TVN2132P16T**

TruVision® NVR 21Plus, 32-Channels, IP H.264 ONVIF/PSIA, 160Mbps Bandwidth, eSATA, 16TB Storage

#### TruVision® NVR 21S Series

#### **ILX TVN2108S2T**

TruVision® NVR 21S, 8-Channel, IP H.264 ONVIF/ PSIA, 8-Port PoE Switch, 40Mbps Bandwidth, eSATA, 2TB Storage

#### **ILX TVN2108S4T**

TruVision® NVR 21S, 8-Channel, IP H.264 ONVIF/ PSIA, 8-Port PoE Switch, 40Mbps Bandwidth, eSATA, 4TB Storage

#### ILX TVN2108S8T

TruVision® NVR 21S, 8-Channel, IP H.264 ONVIF/ PSIA, 8-Port PoE Switch, 40Mbps Bandwidth, eSATA, 8TB Storage

#### **ILX TVN2116S2T**

TruVision® NVR 21S, 16-Channel, IP H.264 ONVIF/ PSIA, 16-Port PoE Switch, 80Mbps Bandwidth, eSATA, 2TB Storage

#### ILX TVN2116S4T

TruVision NVR 21S, 16-Channel, IP H.264 ONVIF/ PSIA, 16-Port PoE Switch, 80Mbps Bandwidth, eSATA, 4TB Storage

#### **ILX TVN2116S8T**

TruVision® NVR 21S, 16-Channel, IP H.264 ONVIF/ PSIA, 16-Port PoE Switch, 80Mbps Bandwidth, eSATA, 8TB Storage



#### Storm Mini NVR's

#### **INA INS44NVR2T**

Storm 4CH Mini NVR, 2TB HDD

#### **INA INS88NVR2T**

Storm 8CH Mini NVR, 2TB HDD

#### **INA INS88NVR4T**

Storm 8CH Mini NVR, 4TB HDD

#### **INA INS1616NVR4T**

Storm 16CH Mini NVR, 4TB HDD

#### **INA INS1616NVR6T**

Storm 16CH Mini NVR, 6TB HDD

#### **IVTVision IP Servers**

#### **INX 2UIPS4000**

The IVTVision® 2U Rackmount IP Server is a system that provides complete video management utilizing today's latest IP video surveillance cameras on an enterprise-class chassis. The system comes pre-configured with the IVTVision VMS Server and client software. The powerful, yet easy-to-operate client user interface installs on any standard computer running Windows, Linux or Mac OS X and can connect to multiple IVTVision Hybrid (analog and IP cameras) and IP Camera Servers creating a virtually unlimited amount of cameras and protection. Video from all IVTVision systems can also be accessed with web browsers and mobile devices with access to the internet. Each 2U Rackmount IP Server can be easily expanded from 1 to up to 64 IP cameras.

## VIVOTEK

#### VIV ND8322P2TB4FD69

8CH PNP Kit w/2TB HDD + (4) FD8169 2MP Indoor Dome Camera

#### VIV ND8322P2TB4IB69

8CH PNP Kit w/2TB HDD + (4) IB8369 2MP Bullet Cameras

## **KANTECH**

## Ganz GenStar Embedded NVRs

#### **CHU NR84M711TB**

**INX DTIPS2000** 

The IVTVision® Desktop IP Server is a system

that provides recording of today's latest IP

video surveillance cameras on a space-saving desktop chassis. The powerful, yet easy-tooperate client user interface installs on any

standard computer running Windows, Linux

or Mac OS X and can connect to multiple

IVTVision Hybrid (analog and IP cameras)

and IP Camera Servers creating a virtually

unlimited amount of cameras and protection.

Video from all IVTVision systems can also

be accessed with web browsers and mobile devices with access to the internet. Each

Desktop IP Camera NVR server can be easily

expanded from 1 to up to 64 IP cameras.

4CH, up to 4MP Recording Res, 30fps @ 1080p, 1 SATA HDD, 1 HDMI & VGA, 4 POE ports, 2 USB, 1TB, 1080P

#### CHU NR88M722TB

8CH, up to 4MP Rec. Res, 2 SATA HDD, 1 HDMI & VGA, Two-way audio, 2CH I/O, 8 PoE ports, 2 USB, 2TB, 1080P

#### **CHU NR816M742TB**

16CH, Up to 4MP Rec. Res, 4 SATA HDD, 1 HDMI & VGA, Two-way audio, 2CH I/O, 16 PoE Ports, 3 USB, 2TB, 1080P



#### **EXQ EVIP01**

#### **Professional IP Camera License**

Includes 1 year of software updates, or 3 years when purchased with an exacqVision server.

#### **EXQ START01**

#### Start IP Camera License Download

- Low-Cost, VMS Software, Simple Surveillance Solution for Stand-Alone Applications
- Software Updates Included (exacqVision Servers): 3 Years
- Software Updates Included (3rd Party Servers): 90 Days

#### **EXQ ACEVIP01**

Activation card with one exacqVision Professional IP camera license. Includes one year of software updates.

#### All in one NVR/Access Control

INTEVO represents the evolution of integration. Now with the addition of new INTEVO Compact, the platform offers the ability to grow the system to meet organizational needs over time. Designed exclusively for security applications, INTEVO is an easy to deploy integrated security platform, designed to be up and running in minimal time with out-of-the-box ease. INTEVO is simple to configure and includes a customized dashboard for easy system management.

- Simple to configure, easy to deploy
- Supports EntraPass Corporate Edition features such as:
  - EntraPass Go mobile application
  - EntraPass Web client
  - EntraPass Workstation client
  - DSC PowerSeries alarm panel Integration
  - DSC MAXSYS alarm panel Integration
- Compatible with all Kantech controllers
- Connect up to 32 IP cameras
- Optimized for use with American Dynamics Illustra Series IP Cameras
- Supports H.264, MPEG-4, MJPEG and a wide variety of IP cameras including Megapixel
- Seamlessly integrate American Dynamics VideoEdge NVR, Intellex, HDVR and ADTVR into one solution
- Video storage

#### **KAN INTEVOADV3TB**

#### **INTEVO Integrated Security Platform**

- All-in-One NVR/Access Control
- With single IP camera license included
- 32CH, 3TB HDD

#### **KAN INTEVOCMP1TB**

#### Access Control and IP Video - All in One, 1TB

- Preloaded with:
  - EntraPass Corporate Edition
  - IP video (up to 16 cameras, 1 license included)
  - EntraPass Web and EntraPass Go Mobile
- First boot wizard for easy configuration
- 1 TB Storage

# Network Servers with Built-In PoE Switches

## speco technologies

#### NSF Series NVR's with built-in 16 Port PoE Switch

- 16 channel plug & play network video recorder with 16 channel built-in PoE
- Plug & play feature with Speco's OnSIP/ VIP/ZIP cameras
- Dual network ports for isolating IP camera network and remote network traffic
- Network video recorder with free Speco DDNS server
- · 2-way audio communication
- Built-in S.M.A.R.T. Technology (Self-Monitoring, Analysis and Reporting Technology for HDD)
- PC and MAC® compatible
- Free Apps with support for view on most smart devices
- ONVIF support
- 3 year warranty

CSI N16NSF2TB 16 Channel, 2TB HDD CSI N16NSF3TB 16 Channel, 3TB HDD

CSI N16NSF4TB 16 Channel, 4TB HDD CSI N16NSF6TB 16 Channel, 6TB HDD

CSI N16NSF8TB 16 Channel, 8TB HDD

#### **NSL Series NVRs**

- Full HD (1920 x 1080) recording and playback
- Video Out: 1 HDMI, 1 VGA, 1 CVBS
- Built-in PoE provides power to IP cameras
- Remote monitoring / recording / playback / configuration/software upgrades and PTZ control via internet
- Network accessible via SpecoTech Multi-Client Software, SecureGuard® CMS and Speco Player Mobile Viewer
- PC and MAC® compatible
- 3 year warranty

#### CSI N4NSL1TB

#### 4CH 1080P NVR w/1TB HDD

• 4 Channel NVR with 4 Channel Built-In PoE

#### CSI N8NSL2TB

#### 8CH NVR 2TB HDD w/ Built-in 8 CH PoE

8 Channel NVR with 8 Channel Built-In PoE

#### 4 Channel

#### ZIP kits with new NSL NVR's

#### CSI ZIPL84B2

8CH Plug-and-Play NVR 1080p, 240FPS, 2TB w/4 Outdoor IR Bullet 3.7mm lens

#### CSI ZIPL84D2

8CH Plug-and-Play NVR 1080p, 240FPS, 2TB w/4 Outdoor IR Dome 3.7mm lens

#### CSI ZIPL88B2

8CH Plug-and-Play NVR 1080p, 240FPS, 2TB w/4 Outdoor IR Bullet 3.7mm lens

















#### CSI ZIPL88D2

8CH Plug-and-Play NVR 1080p, 240FPS, 2TB w/8 Outdoor IR Dome 3.7mm lens

#### CSI ZIPL8BD2

8CH Plug-and-Play NVR 1080p, 240FPS, 2TB  $\rm w/4$  Outdoor IR Bullet and 4 Outdoor IR Dome 3.7mm lens

#### NSP Plug & Play Network Video Recorders

- Plug & play feature with Speco's OnSIP/VIP cameras
- ONVIF support
- Dual network ports for isolating IP camera network traffic and remote network
- Supports all H.264 compression profiles (baseline, main and high)
- A patented DVR solution that easily mounts in equipment closets or electrical rooms for covert installations
- Network video recorder with free DDNS server
- Easy and simple graphical user interface
- Digital Deterrent® for triggering audio message via motion detection or sensor
- 2-Way audio communication
- Programmable recording on motion detection, sensor, schedule, continuous and manual
- Full HD (1920 x 1080) recording and playback
- Supports wireless access point for viewing and configuration
- Built-in S.M.A.R.T. Technology (Self-Monitoring, Analysis and Reporting, Technology for HDD)
- 4/8/16 channel selectable local or IP camera audio recording
- Covert camera operation provides enhanced security and administrator control

#### **Wall Mounts**

CSI N4WNS2TB 4 CH, 2TB HDD

**CSI N4WNSP1TB** 4CH Wall Mount NVR w/ 1TB HDD and Power Supply

CSI N8WNSP2TB 8 CH Wall Mount NVR w/ 2TB HDD and Power Supply

CSI N8WNSP4TB 8 CH, 4TB HDD, PoE

CSI N16WNS6TB 16 CH, 6TB HDD

CSI N16WNSP6TB 16 CH, 6TB HDD, PoE

#### Stand Alone Units

CSI N4NSP1TB 1TB HDD, PoE CSI N4NSP2TB 2TB HDD, PoE

#### 8 Channel

CSI N8NSP1TB 1TB HDD, POE CSI N8NSP2TB 2TB HDD, POE CSI N8NSP3TB 3TB HDD, POE CSI N8NSP4TB 4TB HDD, POE

## NVR Plug'N'Play ZIP Kits

#### CSI N8NSP2KT4D

8CH NVR/4ea MP Dome Camera Kit with PoE
CSI N8NSP2KT4B

8CH NVR/4ea MP Bullet Camera Kit with PoE



#### **IDV K404BU13MPOE1TB**

4CH POE NVR/1.3MP Camera Bundle -- 1TB HDD, (4) IR Bullet Cameras, 3.6mm Fixed Lens

#### **IDV K404ED13MPOE1TB**

4CH POE NVR/1.3MP Camera Bundle -- 1TB HDD, (4) IR Turret Cameras, 3.6mm Fixed Lens

#### **IDV K804BU13MPOE2TB**

8CH POE NVR/1.3MP Camera Bundle -- 2TB HDD, (4) IR Bullet Cameras, 3.6mm Fixed Lens

#### **IDV K804ED13MPOE2TB**

8CH PoE NVR/1.3MP Camera Bundle -- 2TB HDD, (4) IR Turret Cameras, 3.6mm Fixed Lens

#### NEW IDV K404BU2MPWIFI1TB

4CH 1080P HD Wi-Fi NVR W/1TB HD + (4) 2MP Wi-Fi Bullet Cameras

#### NEW IDV K404BU2MPWIFI2TB

4CH 1080P Wi-Fi NVR KIT W/2TBB HD + (4) Bullet Cams 4mm Fixed Lens

#### NEW IDV K808BU13WIFI2TB

8CH 960P Wi-Fi NVR KIT W/2TBB HD + (8) 960P Bullet Cam 4mm Lens



#### **INA INSK1688N2TB**

16CH All in One STORM Series NVR Camera Bundle, 2TB NVR with 8 x 2.1MP (1080P) Bullet Cameras

- Up to 16 IP camera input channels
- H.264/MJPEG dual codec decoding
- Maximum 200Mbps of incoming bandwidth
- Up to 5MP resolution for preview & playback
- HDMI/VGA/TV simultaneous video outputs
- 16 channel synchronized real-time playback, GRID interface
- Supports multiple brands of network cameras
- Conforms to ONVIF Version 2.4
- 3D intelligent positioning
- Supports 4 SATA HDDs (up to 16TB), 1 eSATA port and 2 USB ports (1 USB 3.0)
- Supports IP cameras UPnP and 16 PoE ports
- Multiple network monitoring
- IP Camera Features:
- 1/2.7" 2 megapixel CMOS
- H.264 & MJPEG dual-stream encoding
- 25/30 fps @1080P
- DWDR, Day/Night (ICR), AWB, AGC, BLC
- 2.8mm fixed lens
- Maximum length of IR LEDs: 30m, Smart IR
- IP67 rated, DC 12V, Poe (802.3af)



#### FLIR IP: Bundles and NVRs

 FLIR's HD IP Security Bundles go several steps further to offer the most competitive bundled solution at unprecedented value.

IP NETWORK

 FLIR NVRs further accelerate high definition recording, offering higher capacity 200 Mbps processing for realtime recording with cameras up to 5MP.

#### Bundles

#### NEW FLR DN1142E43

#### **Full HD PoE NVR System**

- 80Mbps network bit rate processing
- Supports high definition recording up to 4MP
- Pentaplex operation simultaneous viewing, recording, playback, backup & remote monitoring
- Integrated PoE inputs for quick, convenient connection
- 4 integrated PoE ports with PoE+ support
- 50W total PoE (up to 25W per channel)
- Auto-discovery of FLIR IP cameras with no programming
- 3mp cameras included
- 3MP HD recording for superior image detail
- PE133E/P 3MP (2048×1536) @ 25fps, 75° (H) field of view, 75ft (23m) IR night vision range
- 3-axis design for easy wall / ceiling mounting
- IP66 weatherproof rated & cold climate capable (-22°F / -30°C)
- Remote access via iOS, Android, PC & Mac with FLIR Cloud™
- Set up remote viewing in 3 easy steps: install FLIR Cloud™ app, scan QR code on NVR, and start viewing live video
- Multisite viewing with FLIR Cloud™ CMS for PC & Mac

#### NEW FLR DN4163E12

#### Full HD PoE+ NVR System

- 200Mbps network bit rate
- Supports high definition recording with cameras up to 4MP
- Intelligent compression coupled with Region of Interest (ROI) optimizes video performance based on available bandwidth\*
- Integrated PoE inputs for quick, convenient connection
- 16 integrated PoE ports with PoE+ support
- 120W total PoE (up to 25W per channel)
- Auto-discovery of FLIR IP cameras with no programming
- 4mp dome cameras included
- · Outstanding 4MP recording provides evidentiary level of detail
- PE133F 4MP (2688×1520) @ up to 20fps, 90° (H) field of view, 85ft (25m) IR night vision range
- True Wide Dynamic Range (up to 100dB @ 3MP) provides more accurate detail in high contrast scenes
- · IP66 weatherproof rated & cold climate capable (-22°F / -30°C)
- Remote access via iOS, Android, PC & Mac with FLIR Cloud™
- Set up remote viewing in 3 easy steps: install FLIR Cloud™ app, scan QR code on DVR, and start viewing live video
- Multisite viewing with FLIR Cloud™ CMS for PC & Mac

#### **FLR DN408P28**

8CH NVR with 8 PoE, 240fps@1080p, 480fps@720p, 2TB HDD with 8x mini bullet 2.1MP, 3.6mm, Cloud connectivity

#### NVRs

#### Flir IP PoE High Definition NVR

- Supports HD recording with cameras up to 5MP
- Pentaplex operation simultaneous View, Record, Playback, Backup & Remote Monitoring
- 80Mbps network bit rate processing
- 4/8 integrated PoE ports
- 50Watt total PoE (up to 25W per channel)
- Auto-discovery of FLIR IP Cameras with no programming
- Supports SATA HDD up to 4TB
- Back-up via 2x USB 2.0 ports
- Set up remote viewing in three easy steps: install FLIR Cloud app, scan QR code on DVR, view live video
- · Multisite viewing on FLIR Cloud CMS for PC / Mac

#### NEW FLR DNR1141

4CH, 1TB HDD

NEW FLR DNR1181

8CH, 1TB HDD

NEW FLR DNR1182

8CH, 2TB HDD

#### NEW FLR DNR416R2

#### 16 channels (NTSC) 2TB HDD

- Turbo 200Mbps network bit rate
- Supports high definition recording with cameras up to 4MP
- Pentaplex Operation simultaneous view, record, playback, backup & remote monitoring
- 8/16 integrated PoE ports with PoE+ support
- ONVIF 2.3 conformance
- · Auto-discovery of FLIR IP Cameras with no programming
- · Drive mirroring to second internal HDD
- Supports 2× SATA HDDs up to 6TB (12TB total)
- Instant back-up via 2× USB 2.0 port
- Set up remote viewing in three easy step: install FLIR Cloud™ app, scan QR code on NVR, view live video
- Multisite viewing on FLIR Cloud™ CMS for PC / Mac
- · Premium services coming soon

#### NEW FLR DNR516R2

#### DNR500R Series NVR 16 Channels, 16 PoE+ Support, 200Mbps, 2TB HDD

- · Turbo 200Mbps network bit rate
- · Supports HD real-time recording with cameras up to 4MP
- Pentaplex operation simultaneous View, Record, Playback, Backup & Remote Monitoring
- 16 integrated PoE ports with PoE+ support
- 150W total PoE (up to 25W per channel)
- Auto-discovery of FLIR IP Cameras with no programming
- Drive mirroring between up to 4 internal **HDDs**

- Supports 4× SATA HDDs up to 6TB (24TB total)
- eSATA support for 4 external drives
- Set up remote viewing in 3 easy steps: install FLIR Cloud app, scan QR code on NVR, view live video
- Multisite viewing on FLIR Cloud CMS for PC / Mac

#### NEW FLR DNR532R2

32CH NVR with 16 PoE, HDMI, 960fps@1080p, up to 4MP cameras, 2TB HDD, Mobile, PC/MAC, Cloud Connectivity



## Plug'N'Play NVR

#### **EVE ENVR8304D1T**

8CH Plug and Play NVR, 1TB

#### **EVE ENVR8304D2T**

8CH Plug and Play NVR, 2TB

#### EVE ENVR8304E/1T

8CH Plug & Play NVR with Embedded 8 Channel PoE Switch with 1TB Storage

#### **EVE ENVR8304E/2T**

8CH Plug & Play NVR with Embedded 8 Channel PoE Switch with 2TB Storage



#### VIT VTNV400S1TB

#### 4 Channel Real Time 1080P Network Video Recorder, 1TB HDD

- Stand-alone Real-time IP Network Video Recorders with Real Time Recording on all channels at 1080P and share the same local and remote software platform as our award winning On Cue HD-SDI recorders.
- The Advanced On Cue Central Monitoring software (CMS) is capable of connecting multiple On Cue NVRs and HD-SDI/EX-SDI recorders.

#### **NVR** Kits

#### VIT TNKT81TA

8CH NVR/Camera Kit w/1TB HDD + (4) 3MP IP **Turret Cameras** 

#### VIT TNKT81TB

8CH NVR/Camera Kit w/1TB HDD + (4) 3MP **IR Bullet Cameras** 

#### Transcendent 8/16 Channel Real Time Network Video Recorders

#### **VIT TNR16282T**

16CH NVR w/2TB HDD w/8 PoE Outputs

#### **VIT TNR16283T**

16CH NVR w/3TB HDD w/8 PoE Outputs

#### VIT TNR8141T 8CH 1TB NVR w/1TB HDD and 4 PoE Outputs VIT TNR8142T

8CH NVR w/2TB HDD and 4 PoE Outputs

NETWORK

















#### VIT TNKT84TB

Complete Transcendent Series 8CH 3MP IP Surveillance Package, w/ Bullet Cameras, and

· Network Video Recorder (NVR):

o Transcendent 8 Channel Network Video Recorder Supporting Real Time (240fps) Recording of up to eight 3.0 MegaPixel IP Cameras.

o Internal storage options of up to 6TB are available. (VT-TNR814)

• 3.0 MegaPixel Bullet Cameras:

o Transcendent Series 3.0 Megapixel Indoor/Outdoor IP Bullet Cameras with 42 IR LED Illumination Delivering an IR Range of over 150' with Included 3.6mm Lens. (VTC-TNB42R3F)

#### NEW VIT VTTNR3216P-12T

32 Channel 5 Megapixel H.265 Real Time Network Video Recorder with 4K Output & 16 Port PoE Switch - 12TB

- Full 5 Megapixel Real-time recording (960fps) with 16 Channel (480fps) playback
- 4K HDMI & VGA Video Outputs
- H.265 / H.264 Video Compression
- Plug and Play & Auto configuration for many leading ONVIF compliant IP Camera models
- Internal 16-Port PoE Switch
- 1 Gigabit LAN Port
- Pentaplex: Live Display / Record / Playback / Backup / Remote Access
- 16 Local Alarm Inputs / 4 Alarm Outputs
- 8 Internal SATA2/SATA3 HDD Slots supporting
- 48TB (8 x 6TB HDD) Internal Storage + 1 eSATA Port for External Expansion
- RS485 & Network Based PTZ Control
- Applications for iOS & Android™
- Remote Viewing over the Internet via Web Browser or LAN
- Mac OS® Client & CMS Central Management Software Included
- Supports both Dynamic and Static IP Addresses
- Web-based remote configuration
- Control locally via Front Panel Controls, USB Mouse, or with the Included IR Remote control
- · Heavy duty rack ears included

#### NEW VIT VTTNR3216P-4T

32 Channel 5 Megapixel H.265 Real Time Network Video Recorder with 4K Output & 16 Port PoE Switch - 4TB

- Full 5 Megapixel Real-time recording (960fps) with 16 Channel (480fps) playback
- 4K HDMI & VGA Video Outputs
- H.265 / H.264 Video Compression
- Plug and Play & Auto configuration for many leading ONVIF compliant IP Camera models
- Internal 16-Port PoE Switch
- 1 Gigabit LAN Port
- Pentaplex: Live Display / Record / Playback / Backup / Remote Access
- 16 Local Alarm Inputs / 4 Alarm Outputs
- 8 Internal SATA2/SATA3 HDD Slots supporting up to 48TB (8 x 6TB HDD) Internal Storage + 1 eSATA Port for External Expansion
- RS485 & Network Based PTZ Control
- Applications for iOS & Android™
- Remote Viewing over the Internet via Web Browser or LAN

- Mac OS® Client & CMS Central Management Software Included
- Supports both Dynamic and Static IP Addresses
- Web-based remote configuration
- Control locally via Front Panel Controls, USB Mouse, or with the Included IR Remote control
- Heavy duty rack ears included

#### NEW VIT VTTNR3216P-8T

32 Channel 5 Megapixel H.265 Real Time Network Video Recorder with 4K Output & 16 Port PoE Switch - 8TB

- Full 5 Megapixel Real-time recording (960fps) with 16 Channel (480fps) playback
- 4K HDMI & VGA Video Outputs
- . H.265 / H.264 Video Compression
- · Plug and Play & Auto configuration for many leading ONVIF compliant IP Camera models
- Internal 16-Port PoE Switch
- 1 Gigabit LAN Port
- Pentaplex: Live Display / Record / Playback / Backup / Remote Access
- 16 Local Alarm Inputs / 4 Alarm Outputs
- 8 Internal SATA2/SATA3 HDD Slots supporting
- 48TB (8 x 6TB HDD) Internal Storage + 1 eSATA Port for External Expansion
- RS485 & Network Based PTZ Control
- Applications for iOS & Android™
- Remote Viewing over the Internet via Web Browser or LAN
- Mac OS® Client & CMS Central Management Software Included
- Supports both Dynamic and Static IP Addresses
- Web-based remote configuration
- Control locally via Front Panel Controls, USB Mouse, or with the Included IR Remote control
- · Heavy duty rack ears included

#### NEW VIT VTTNR818P-4T

8 Channel 5 Megapixel H.265 Real Time Network Video Recorder with 4K Output & 8 Port PoE Switch - 4TB

- Full 5 Megapixel Real-time recording (240fps) with 240fps playback
- 4K HDMI & VGA Video Outputs
- H.265 / H.264 Video Compression
- Plug and Play & Auto configuration for many leading ONVIF compliant IP Camera models
- Internal 8-Port PoE Switch
- 1 Gigabit LAN Port
- Pentaplex: Live Display / Record / Playback / Backup / Remote Access
- 1 Internal SATA2/SATA3 HDD Slot supporting up to 6TB (1 x 6TB HDD) Internal Storage
- Network Based PTZ Control
- Applications for iOS & Android™
- Remote Viewing over the Internet via Web Browser or LAN
- Mac OS® Client & CMS Central Management Software Included
- Supports both Dynamic and Static IP Addresses
- Web-based remote configuration
- Control locally via USB Mouse or with the Included IR Remote control

#### NEW VIT VTTNR818P-6T

8 Channel 5 Megapixel H.265 Real Time Network Video Recorder with 4K Output & 8 Port PoE Switch - 6TB

- 8 Channel Stand-alone Real-time IP Network Video Recorder
- Full 5 Megapixel Real-time recording (240fps)

- with 240fps playback 4K HDMI & VGA Video Outputs
- H.265 / H.264 Video Compression
- Plug and Play & Auto configuration for many leading ONVIF compliant IP Camera models
- Internal 8-Port PoE Switch
- 1 Gigabit LAN Port
- Pentaplex: Live Display / Record / Playback / Backup / Remote Access
- Internal SATA2/SATA3 HDD Slot supporting up to 6TB (1 x 6TB HDD) **Internal Storage**
- Network Based PTZ Control
- Applications for iOS & Android™
- Remote Viewing over the Internet via Web Browser or LAN
- Mac OS® Client & CMS Central Management Software Included
- Supports both Dynamic and Static IP Addresses



#### NAP ISEEIVR250/12

Internet Video Recorder (IVR) with 12 months

## TOSHIBA

Leading Innovation >>>

#### **TOS ENV4P1T**

#### 4 Channel Embedded Network Recorder with Built-in PoE

Records 2048 x 1536 video from up to 4 channels at up to 120 fps. It supports two internal HDDs with each bay supporting storage of up to 4TB. It also supports one eSATA drive. Compatible with Surveillix SCS video management software. SCS enables you to monitor, search, and archive surveillance video from multiple remote locations. It also allows you to manage and configure recorders from a single platform. Customizable user screens, intuitive search capabilities and advanced mapping features make SCS powerful and efficient for all video surveillance requirements.



#### **NVR** Kits

#### **VIT TNKT81TA**

8CH NVR/Camera Kit w/1TB HDD + (4) 3MP **IP Turret Cameras** 

#### **VIT TNKT81TB**

8CH NVR/Camera Kit w/1TB HDD + (4) 3MP **IR Bullet Cameras** 

#### Transcendent 8/16 Channel Real Time Network Video Recorders

#### **VIT TNR16282T**

16CH NVR w/2TB HDD w/8 PoE Outputs

#### **VIT TNR16283T**

16CH NVR w/3TB HDD w/8 PoE Outputs

#### VIT TNR8141T

8CH 1TB NVR w/1TB HDD and 4 PoE Outputs VIT TNR8142T

8CH NVR w/2TB HDD and 4 PoE Outputs



#### **GST GS16CHNVRPOE2TB**

16CH PoE NVR Built-in 2TB HD + USB Mouse

#### **GST GS16CHNVRPOE4TB**

16CH PoE NVR Built-in 4TB HD + USB Mouse

#### **GST GS16CHNVRPOE8TB**

16CH PoE NVR Built-in 8TB HD + USB Mouse

#### NEW GST GS8CHNVRPOE2TB

8CH NVR W/PoE +2TB HDD Plug-n-Play & Built in GSI "Auto Connect" feature. Full HD 1080P 1920x1080 Resolution

#### NEW GST GS8CHNVRPOE4TB

8CH NVR W/PoE + 4TB HDD Plug-n-Play & Built in GSI "Auto Connect" feature. Full HD 1080P 1920x1080 Resolution

## 4 and 8 Channel PoE NVR Plug & Play Megapixel Dome Camera Kits

- Easy Plug and Play Set up
- Makes IP systems easy to upgrade &
- Built-in individual PoE Ports for each NVR (4 an 8 port)
- Power and video over a single Cat5 Cable - saves installation time & costs
- Built-in GSI "Auto connect" feature Plug the camera into any port and the NVR automatically recognizes that channel with that camera. Easy no hassle IP installation.
- 1080p Resolution 30FPS
- 2TB Hard drive included with each NVR
- Each kit Includes 4 pieces of Outdoor Rated 2.3 Megapixel IR Fixed Lens Cameras

#### **GST GS4CHPOEPK1**

4CH Plug-n-Play PoE Kit w/4 IP Dome Cameras

#### **GST GS4CHPOEPK2**

4CH Plug-n-Play PoE IP Kit w/4 Bullet Cameras

#### NEW GST GS4CHNVRPOEPK14M

4CH NVR 2TB HDD/PoE + (4) 4MP GSIP804BD Cameras 3.6MM Fixed Lens, Vandal Resistant, IP66 Rated Ball Dome

#### **GST GS8CHPOEPK1**

8CH Plug-n-Play PoE Kit w/4 Outdoor IR **Dome Cameras** 

#### **GST GS8CHPOEPK2**

8CH Plug-n-Play PoE IP Kit w/4 Outdoor IR **Bullet Cameras** 

#### NEW GST GS8CHPOEPK14M

8CH Plug & Play PoE NVR w/2TB & (4) 4MP GSIP804BD Cameras 3.6MM Fixed Lens, Vandal Resistant, IP66 Rated Ball Dome

#### NEW GST GS8CHPOEPK24M

8 CH Plug & Play PoE NVR w/2TB+(4) 4MP GSIP805BC Cameras 3.6MMM Fixed Lens, IP66 Rated Bullet

## **LED Interactive Displays:**



## Multi-Touch Interactive LED Displays

Primary markets include Education, Presentation and any application that requires collaborative learning and information sharing. Features and benefits include:

- Surface Light Wave Technology (one of the most advanced multi-touch technologies)
- Touch Screen Response under ambient and bright lighting
- **Protective Tempered Glass**
- **Built-in Speakers**
- VGA, USB, HDMI, Composite AV inputs
- Supports Windows 7 & 8, Mac OS and Linux operating systems
- 60,000 hours panel lifespan
- 3 year warranty with 3 year advance replacement
- Annotation Software Included

#### TAT TS55M4

55" Full Hi-Definition Multi-Touch Interactive Display with 4 touch points (multiple personnel can work on the screen simultaneously).

#### TAT TS65M10

65" Full Hi-Definition Multi-Touch Interactive Display with 10 touch points (multiple personnel can work on the screen simultaneously).

70" Full Hi-Definition Multi-Touch Interactive Display with 10 touch points (multiple personnel can work on the screen simultaneously).

## IP LED Monitors:



#### **HD Resolution Commercial Grade Desktop Security Monitors**

- Eco-Friendly 40% Lower Power Consumption
- · HDMI, DVI, VGA
- · Built-in Speakers
- 3-Year Warranty

## **VWZ VZ19CME**

19.5" HD Resolution

#### VWZ VZ22CME

21.5" Full HD Resolution

#### **VWZ VZ24CME**

23.6" Full HD Resolution

















## **IP Camera Test Monitors:**



#### IP/Analog Camera Test Monitor **NEW GST IPLCDTST7HD**

Super Charged LCD Test Monitor IP Camera ONVIF Device Manager and AHD/TVI/CVI & **Analog CVBS** 

- IP, AHD, TVI, CVI and Analog CVBS Capable
- Composite Video Input and RS485 PTZ Controls
- Bright 7" Capacitive LCD Touchscreen
- ONVIF Device Manager & 3rd Party IP Camera
- Wi-Fi Connectivity Support, Web Browser **Function**
- UTP Continuity Tester
- **Built-in Monitor Stand**
- 12VDC 1A Output, PoE Injector or Pass Through
- Rechargeable Lithium Battery



#### **EVE ESK1000**

IP Sidekick, multi-functional IP utility tool; PoE, 12VDC, and USB power output

- Provides the ability to troubleshoot camera lens and display on installation site
- Streamline the process of a new IP camera installation
- Small and compact for portability
- High capacity power with lithium batteries (18650 type)
- Equipped with external Wi-Fi router with a built-in DHCP server
- Supports EF Sidekick mobile app for iOS
- Multi-function use: smart phone charger (USB output) or wireless AP provider
- LED indicators for Power, PoE and charging status
- PoE and DC Power Supply



CamView™ IP Pro+, Ruggedized IP & Analog NTSC/PAL, AHD, and HD-TVI Camera Tester with **Built-In DHCP Server** 

- Works with the most popular IP\* & NTSC/PAL, AHD, and HD-TVI Analog cameras
- Works with or without a network. Built-in DHCP server allows you to:
  - Set & Assign IP addresses to cameras
  - Auto-detect IP settings on networks
  - Ping, Sniff, List Subnet Powers IP cam-

eras-no need for external PoE

- · No need to download Apps or manufacturerspecific software
- · IP camera tests including: discover the camera, view camera's video, configure camera's parameters, etc.
- Record, save, and export full IP camera reports
- **Ethernet Tests including:**

- 10M/100M/1G Ethernet Link Test
- Packet Loss Test
- Ethernet Loop Detection, etc.
- Powers Analog cameras—12 VDC @ <2A Analog Camera Test & RS485 PTZ Control Test
- TDR cable tests
- Intuitive user interface
- Compact, lightweight, & ruggedized for realworld use



#### TAT TOM0431IP

#### 4.3" Universal OLED Test Monitor for IP/Analog Cameras, PoE

- Tests for wire runs
- Internal battery with charger included
- Works with multiple IP camera brands
- USB 2.0 for upload of additional brands via the Tatung website as they become available
- 4.3" OLED Daylight viewable display with touchscreen
- Includes:
  - Velcro wrist strap for hands free operation and leather carrying case
  - MicroSD Card Slot & 8 gig SD card & USB port for storage of snapshot and video
  - Internal battery with charger included
  - 3 year warranty

## **Processing Equipment:**



#### **EVE PALUN01**

#### PoE-Powered video balun

- · No external power required
- No re-wiring necessary: Implement IP cameras with existing Coax cables
- Flexible and secure installation: two eyelets for screws offer a stable mounting platform
- Easy Installation: slim and compact design provide simple integration
- Rugged design with splash-proof casing
- End-to-end connection of up to 1148ft/350m



#### Ethernet over 2-wire/Coax Systems (Eo2)

Ethernet over 2-Wire Eo2™ Transceiver is a compact media converter capable of transmitting 10/100 Base T Full Duplex Ethernet up to 1,000ft (305m) over 4-pair Cat5 UTP, 750ft (228m) over 18/2, or similar; 500ft (150m) over Shielded Twisted Pair. One NVT Eo2™ transceiver at the network-end can support up to four remote Eo2 transceivers and their connected IP network devices.

**NVT EC1701UK1H** 1 Camera Kit **NVT EC1701UK2H** 2 Camera Kit **NVT EC1701UK3H** 3 Camera Kit **NVT EC1701UK4H** 4 Camera Kit

## **◆ VIGITRON**

#### **VIG VI0021**

#### ViewMate PoE Camera Setup Tool

- Provides a simple way to setup PoE powered IP cameras
- · Maintains PoE power to the IP camera while making a local Ethernet connection to a laptop to view the camera image
- · Measures and displays PoE voltage and power at the camera
- 10/100BASE-T compliant with integrated network crossover
- · Compatible with IEEE 802.af/at and most non-standard solutions up to 30W
- · Does not require external power source, uses PoE power from the network
- Speeds up the IP camera installation
- Limited lifetime warranty

#### **VIG VI2001**

#### **Ethernet Surge Protector**

- · Innovative direct in line port plug in module saving valuable equipment space
- · Ability to choose only ports that require extra protection
- The best protection for standard and extended UTP Ethernet runs
- Provides additional port protection for cameras, DVRs and NVRs
- Compatible with 10/100/1000 BaseT port
- Does not require extra ground cable
- Compatible with PoE 802.3af and 802.3at
- Tested and certified to EN61000-4-5 and EN55024 surge standards



#### Camera Encoders

#### **ILX TVE400**

TruVision® Encoder 4-channel analog to IP

#### **ILX TVE800**

TruVision® Encoder 8-channel analog to IP

TruVision® Encoder 16-channel analog to IP



#### CSI AP300M

#### 300Mbps, 5.85 Ghz Outdoor Point-to-Point **AP with DIP Function**

- Point to point direct networking between camera and recorder/viewer
- · Signal up to 7000' line of sight
- Includes ball joint mount with wall and pole mount attachments
- Sold each, used in pairs
- Each access point requires PoE powered by AC adapter (included)

#### NEW CSI APRPT

#### 300Mbps, 2.4Ghz Outdoor Wi-Fi Access **Point or Repeater**

Extends the range of Wi-Fi ready

- equipment beyond typical performance range with a signal up to 300'
- Includes ball joint mount with wall and pole mount attachments
- Sold individually
  - Each access point requires PoE powered by AC adaptor (included)

#### NEW CSI WIFIMOD

#### Wi-Fi Adaptor for IP Camera

- · Converts Speco IP cameras to Wi-Fi
- Dual-band Wi-Fi (2T2R 802.11n)
- Easy setup through mobile app no need to log into the camera through a web viewer to connect it to an access point
- · PoE for providing power to the camera
- Works with Speco Connect
- · 2 year warranty

#### **CSI OS102**

#### Dual-Codec H.264 & MJPEG 1 CH. Video Server

- Dual-codec (H.264 & MJPEG)
- Multi-profile streaming
- Small form factor
- Ultra-compact design
- ONVIF support
- 2 year warranty

#### **CSI DSWFUSB**

#### **USB Wireless Access Point**

- Wireless access point for viewing and configuration of Speco DVRs and NVRs
- Compatible with DS and NS series DVRs



#### **MIC ENC**

#### MiniLinkVideo server/Encoder

- Encode CIF to D1 video up to 30fps MPEG 4 Compression
- Compatible with MiniLink wireless **Ethernet System**
- Dual stream video via LAN and WAN ports
- PoE and DDNS supported
- 2 Alarm I/O ports
- Plug and Play

#### MIC DEC

#### MiniLink Decoder

- · Decodes CIF to D1 up 30fps from paired **ENC Encoder**
- LAN and WAN ports
- PoE and DDNS supported
- · Plug and Play

## **Alarm Signaling Equipment:**



#### **BOS C900V2**

Universal IP Dialer capture module

# DSC

#### **T-LINK IP Communicator Series**

#### DSC TL150

Residential IP Communicator for PC1555/ PC5010/PC1616/PC1832 controls

#### DSC TL250

Commercial IP Communicator for Power Series 864/1864 and Maxsys

#### **DSC TL255NA**

#### T-Link Internet Alarm Communicator -**IMPASSA**

- Compatible with IMPASSA control panel
- Panel remote uploading & downloading via internet/intranet using DLS 5
- Programmable using DLS 5 or keypad
- Supervision heartbeat via internet/ intranet
- 128 Bit AES Encryption
- Full event format
- SIA and Contact ID protocol

#### **DSC TL2603GRUSA**

Dual Path IP/Cell Communicator for Power Series

#### **DSC TL260RNA**

Internet Communicator for Power Series

#### DSC TL265

#### T-Link Internet/Intranet Alarm Communicator for ALEXOR

- Compatible with ALEXOR Wireless Panel
- Fully redundant Internet/Intranet alarm communication
- Integrated call routing
- uploading/downloading Panel remote support
- Supervision heartbeats via Internet/ Intranet
- 128-bit AES encryption via Internet/ Intranet
- Full event reporting
- SIA or Contact ID format
- PC-Link connection
- · Approvals: UL, ULC, CE

#### NEW DSC TL2803GREUSA

#### PowerSeries Neo Internet and HSPA Dual-path **Alarm Communicator**

- Fully redundant Internet and Cellular dual-path alarm communication
- Integrated call routing
- Panel remote uploading/downloading support via Cellular and Internet
- Supervision heartbeats via Cellular or Internet
  - 128-bit AES encryption via Cellular and Internet
  - Full event reporting
- SIA and Contact ID protocol
- SIM Card (included)
- Remote activating and programming through C24 Communications
- Programmable via DLS or keypad
- UL standard & encrypted line security
- ULC passive or active line security levels
- Active Cellular account is required to use Internet function
- Signal strength and trouble display
- PC-Link connection

#### COMPANY - WIDE HOURS MONDAY - FRIDAY, 7:30AM - 5:30PM











## DSC SG-System I

Multi-Format Receivers are a perfect fit for smaller central stations and proprietary application. They have a small foot-print and can be rack mounted.

- Two POTS line connections
- Patented ANI and DNIS reception, Automatic Handshake Selection, Caller ID capability, and virtual configurations
- Up to 63 different profiles and up to 8 different handshakes per profile
- Continuous verification of computer/receiver links
- Integrated scheduled receiver line card testing via the SG-Systems Console
- Optional support for 512 IP communicators
- · Flash download software upgrades
- Optional rack-mount in standard 19" rack with the SG SIIRMK

**DSC SGSYSTEMI** POTS version

#### Visual verification over Cellular or Internet

- Communicator can be housed in separate cabinet using PCL-422 Communicator Remote Mounting Module
- · Command and Control via SMS
- Supports 3rd party integration via IP
- R model supports 3rd party integration option via RS232 serial connection

#### NEW DSC TL280E

#### **Internet Security Alarm Communicator**

- Panel remote uploading/downloading via Internet
- Programmable using DLS 5 or keypad
- · Supervision heartbeat via Internet
- 128 Bit AES Encryption
- Full event reporting
- SIA and Contact ID protocol
- Visual verification over Internet
- Communicator can be housed in separate cabinet using PCL-422 Communicator Remote Mounting Module
- E model provides expanded user support and up to 4 Ethernet integrations with PowerSeries Neo panels V1.2 and higher

#### NEW DSC TL280RE

#### **Internet Security Alarm Communicator**

- Panel remote uploading/downloading via Internet
- · Programmable using DLS 5 or keypad
- Supervision heartbeat via Internet
- 128 Bit AES Encryption
- · Full event reporting
- SIA and Contact ID protocol
- Visual verification over Internet
- Communicator can be housed in separate cabinet using PCL-422 Communicator Remote Mounting Module
- R model includes RS232 serial integration ontion
- E model provides expanded user support and up to 4 Ethernet integrations with PowerSeries Neo panels V1.2 and higher
- Refer to www.dsc.com for complete integration options

#### DSC TL300

Universal IP Communicator

#### DSC TL300CF

**Commercial Fire Universal IP Communicator** 

## DSC System II Single

## Single Line IP Receiver Remote monitoring solution ideal for proprietary applications

- 128 bit AES encryption
- Supports 1024 TLink accounts (TL150, 250, 300) 512 can be supervised
- TCP/IP, USB, or serial outputs to automation software
- Menu driven, 40 character, 2 line LCD display with blue backlighting for manual mode
- 4 buttons for manual programming and acknowledgements
- Onboard flash memory and DSP for future upgrades

**DSC SGSYSTEMIIP** IP Version



#### **IPD BAT**

#### **Broadband Alarm Transmitter**

ipDatatel, Inc. Broadband Alarm Transmitter (BAT) provides signaling to your central monitoring station, your alarm company's office, and to your customer, automating many central station functions, such as the routing of open/close, trouble, supervisory, and test signals. Connects a Honeywell Vista® or the DSC PowerSeries alarm panel to your monitoring station via broadband Internet

- No Telephone Lines Needed
- Arm/Disarm Alarm via Internet Keypad
- · Remote Programmable
- Transmits Contact ID to Any Central Station
- Transmits SIA/FSK Databurst to Any Central Station
- Telephone Notification (automated voice)
- Text & email messaging To Users
- Super-Fast Transmission Speed
- Easy to Install and Set-upAutomatically Acquires IP Address
- Very Affordable

#### APPLICATIONS:

- Alarm Signal Reporting
- Open/Close Signal Reporting
  - Monitor employees by user code
- Latch-Key Reporting
  - Monitor when your child arrives home
- Polling Loss Notification
- Supervisory by Zone
  - Monitor a liquor or gun cabinet in your home *and many more uses*.

#### **IPD BATCDMA**

## Dual Path Cellular/Broadband Communicator with Interactive services and Zig Bee control.

The Cellular BAT replaces outdated conventional phone lines to provide high-speed dual path of IP Internet and Cellular alarm transmission. Alarm transmissions are made using Contact ID format, and this format can be sent to your Central Station via the PSTN to your alarm receiver or can be transmitted directly by IP. Alarm signals such as open/close, trouble, supervisory, latch-key, and monitoring of special devices, can be routed directly to your Central Station or to the customer. Transmissions such as open/close signals can be filtered to the Central Station reducing costs on monitoring fees.





#### OSC SCSVSTEMI DOTS ......

## ver the network SILENT KNIGHT

Communicates all alarm events over the Internet and Verizon CDMA cellular network to any CS in full Contact ID. Sends Instant notifications of all events. Offers a full featured Virtual Keypad. Runs through Wi-Fi Network or Ethernet cable from panel to router/modem for Internet connectivity. Provides dual path for alarm signals and Interactive Services. Can be used on CDMA and/or Internet only.

#### **IPD BATWIFI**

**IPD BATCDMAWIFI** 

#### Wi-Fi Broadband Alarm Transceiver

ipDatatel's Wi-Fi Broadband Alarm Transceiver provides secure and cost-effective IP alarm transmissions through your customers Wi-Fi router, full featured virtual keypad, smart device automation, and notifications.

#### **IPD GATEWAY30**

## Gateway with Power Supply, Ethernet Cable, and Plastic Box.

- This is a hub which connects to IP cameras with API and wireless smart devices (Thermostats, Lighting, Appliance, and Lock Controls).
- 100-125 ft Range.
- Supports both Z-Wave.



**Take Control.** The new EnvisaLink 3 is a powerful TCP-IP based bus-level interface to DSC PowerSeries panels and Honeywell Vista panels. It allows your customer to view the status of and even control their alarm panel through a standard web-browser or smartphone. VOIP Friendly.

#### **EYZ EVL4CG**

## **Envisalink 3 IP Communicator for DSC and Honeywell Controls**

 No Network Setup. Little or No Programming and No Monthly Fees!



#### **NAP NLMOD**

Net Link Internet/Intranet Alarm Reporting Module - Interfaces with the P816, P1632, P3200, P9600, and X255 panels. Provides primary and/or backup reporting of alarms over TCIP/IP network and/or telephone lines. No dedicated central station receiver required. Dynamic IP addressing and encryption. Supports network based automation routines. Easy archiving and review of event histories by account - Download panel programs



#### **FL IPGSM4G**

IP Internet & GSM (4G/3G/2G) Dual Path Communicator

#### **SIL SKIP2UD**

#### Fire IP Up/Down Loadable Communicator

Use the IP Communicator to save money and increase response time. Monitor your fire alarm systems over the internet by connecting the Silent Knight IP Communicator to any Silent Knight FACP or dialer

- Listed to UL Standard 864.
- SKIP2UD allows up/downloading of the IntelliKnight™ 5820XL and 5808 addressable fire alarm control panels.
- UL 864 Ninth Edition prohibits downloading to a panel without entering a local panel password. Uploading is permitted at any time without entering a password.
- Eliminates the cost of two dedicated phone lines. Only the customer's shared IP equipment is required.
- Can use newer low-cost, non-analog, digital telephone services such as cable or fiber optics.
- Increases connection supervision to the central station from the once-a-day test signal to once every 30 – 90 seconds.
- Requires no change to the existing panel configuration.
- The IP Communicator connects directly to the primary and secondary analog panel telephone ports.
- Fast alarm transmission (less than 10 second transmission time).

#### **SIL IPDACT2**

#### **IPDACT Communicator**

- Listed to UL Standard 864 for Silent Knight fire alarm control panels
- Eliminates the cost of two dedicated phone lines
- Can use newer low-cost, non-analog, digital telephone services such as cable or fiber optics
- Includes IPENC enclosure

#### **SIL SKIP2**

#### **IP Communicator Kit**

- Listed to UL Standard 864 for Silent Knight fire alarm control panels
- Eliminates the cost of two dedicated phone lines
- Can use newer low-cost, non-analog, digital telephone services such as cable or fiber optics
- Allows remote up/downloading of 5820XL and 5808 FACPs
- Includes IPENC enclosure

#### SIL SKF485C

#### **SBUS Wire to Fiber Converter Module**

- Fiber solution allows one fire alarm control panel to protect multi-building applications eliminating the monitoring costs of multiple phone lines
- Eliminates the risk of lightning damage caused by running copper wire between buildings
- SK-F485C does not take up an SBUS address and allows for long distance location of SBUS accessories
- UL listed

## **IP Access Control:**



#### TruPortal™ Access Control:

TruPortal™ access control solutions have been engineered and designed to install quickly and easily right out of the box. These units are ideal for small- to mid-size applications, with a user-friendly Install Wizard™ feature to assist with each step. Interlogix made configuring TruPortal™ solutions simple and efficient for you and intuitive and convenient for your customers.

#### **ILX TPADD2D**

2-Door Add-on Kit TruPortal™ 2-Door Expansion Board (UL-listed enclosure with integrated 12V 4A power supply, 120VAC)

#### **ILX TPADD2D2R**

2-Door Add-on Kit with Two (2) Readers TruPortal™ 2-Door Expansion Board (UL-listed enclosure with integrated 12V 4A power supply, 120VAC, includes two (2) T-100 series Readers)

#### **ILX TPADDIO**

TruPortal™ I/O Expansion Add-on Kit. Consists of a TruPortal™ 16 input, 8 output I/O Expansion Module installed in a UL listed enclosure w/4 AMP power supply.

#### **ILX TPRDR100A**

TruPortal™ T-100 Series Reader (minimullion mount, Proxlite/HID,® 3 covers, 18"/45.7cm pigtail wire, Wiegand output)

#### ILX TPRDRLRN

**Dual-Frequency Enrollment Reader** 

## 2-Door Base Systems

#### **ILX TPSYS2D**

TruPortal™ 2-Door Base system. Consists of a TruPortal™ System Controller installed in UL listed enclosure w/ integrated power supply / standby battery charger.

#### **ILX TPSYS2D2R**

TruPortal™ 2-Door Base system with readers. Consists of a TP-SYS-2D bundled w/ (2) T-100 readers and (5) HID Prox keyfobs.

#### **ILX TPADD1DIP**

TruPortal™ IP-Based Single-Door Add-on Kit. Consists of TruPortal™ 1-door interface module installed in a UL listed enclosure.

#### **ILX TPADD2DBRD**

TruPortal™ 2-Door Interface Module. Board only. For installation into an existing TP-ADD-2D, TP-ADD-2D2R or TP-ADD-4D.

#### **ILX TPADD4D**

TruPortal™ 4-Door Add-on Kit. Consists of large TruPortal™ enclosure (TP-CTX6 w/6 AMP Power Supply) prepopulated with two 2-door add-on boards (TP-ADD-2D-BRD. Note this enclosure can support up to 4 other Add-on Boards, TP-ADD-IO-BRD or TP-ADD-2D-BRD).



# Linear.











#### Credentials 125 KHz - Cards & Keyfobs

#### **ILX TPPRXCLAM50PK**

TruPortal™ Credential - Hid Proxcard II Clamshell Design Cards - 50 Pack

#### ILX TPPRXKF50PK

TruPortal™ Credential-Hid Prox Keyfobs - 50 Pack

#### **ILX TPPRXISO50PK**

TruPortal™ Credential-Hid Prox Iso Cards - 50 Pack

## Securakey))

#### NOVA.16 Radio Key Dual Technology Access Kits

Secura Key offers SK-NET™ with NOVA.16 control panels in a variety of specially-priced 4-door access control kits, which include the SK-NET basic software and manual, a NOVA.16-LE control panel, a power supply, and four smart readers. The kits include everything you need to control access to four doors except for cabling and door locking devices.

#### SKC SKMRCP4RKDTM

Includes four ET8-SR-X-M Mullion Readers (black)



## eMerge Browser Managed Security Platform from IEI.

#### IEI EM50P

Network control module with power supply and enclosure

- · Controls up to 32 readers
- 5000 users
- Email/SMS
- NAS backup
- Burglary interface
- Enterprise capable

#### IEI EMACM

Access control module for 2 readers, 4 inputs and 4 outputs

#### IEI EMIN

Supervised Input Module with 8 inputs

#### **IEI EMOUT**

Relay output module with 8 outputs

#### IEI ENAEVNI

Expansion node card in an enclosure with power supply

#### eMerge E3-Series

## eMerge Essential and Essential Plus - Affordable and Scalable Browser-Based Access Control

Represents the next step in the evolution of Linear's access control technologies, delivering faster set-up, enhanced features, and industry-leading scalability that outperforms the competition and provides best-in-class value and lowest cost of ownership. The eMerge Essential and Essential Plus embedded browser-based network appliances make advanced security technology reliable and affordable for any entry-level access control application.

#### LIN ES1C

Emerge Essential 1 door access system

#### LIN ES1CB

Emerge Essential, 1 Door Access Control w/ Prox Reader

#### LIN ES4C

Emerge Essential 4 door access system

#### LIN FS1N

Emerge Essential Plus 1 door access system

#### LIN ES1MB

Emerge Essential Plus IP Access Control w/Prox Reader

#### **LIN ES4M**

Emerge Essential Plus 4 door access system

#### LIN ES4MB

## eMerge Essential Plus 4-Door 4-Reader Access Control Platform Bundle

- eMerge Essential Plus 4-door system bundle, includes four P-300HA proximity readers,
- Up to 1,000 cardholders with up to 8,000 cards, up to 8 readers,
- Upgradable up to 4 doors and 8 readers with license keys,
- UL294 Listed 5-amp supervised power supply (backup battery not included),
- Optional PoE power with E3-PoE module,
- Housed in a locking metal cabinet with integrated tamper switch

#### **LIN ACM4D**

#### eMerge Elite 4-Door Access Control Module

 eMerge Elite Expansion Access Control Module, adds 4 readers, 8 inputs, and 8 outputs to system, plugs-into eMerge Elite-36 systems mounted in large or extra large cabinet.

#### LIN ES1DL

Single door Add License

#### **LIN ES1DLB**

## eMerge Essential 1-Door License with one Reader Bundle

eMerge Essential 1-door license upgrade, includes one P-300HA proximity reader, and adds one additional door and two additional readers to eMerge Essential system.

#### **Controls in Compact Cabinets**

**LIN EL362C** eMerge Elite-36, 2-Door Access Control Platform

LIN EL364C eMerge Elite-36, 4-Door Access Control Platform

#### **Controls in Standard Cabinets**

**LIN EL362M** eMerge Elite-36, 2-Door Access Control Platform

**LIN EL364M** eMerge Elite-36, 4-Door Access Control Platform

#### NEW LIN EL364MB

Elite-36 4-door system w/4-reader bundle, metal eMerge Elite-36 4-door system bundle, includes four P-300HA proximity readers, up to 20,000 cardholders with up to 80,000 cards, up to 8 readers, browser-based management via embedded Web server, upgradable up to 36 doors and 72 readers with license keys and plug-in modules or expansion nodes, easy setup wizard, optional PoE power with E3-POE module, housed in a locking metal cabinet with integrated tamper switch.

#### FOR FULL, UP-TO-DATE PRICING VISIT US ONLINE AT WWW.SESONLINE.COM

#### NEW LIN EXN4MB

#### eMerge Elite 4-Door 4-Reader Expansion **Node Bundle**

eMerge Elite Expansion Node bundle, includes four P-300HA proximity readers, 4 Reader ports, 8 Inputs, 8 Output relays, and optional POE, housed in a locking metal cabinet with integrated tamper switch.

#### **LIN E3POE**

E3 PoE Module

LIN P300HAS Mullion multi-tech reader for Emerge Essential

LIN P500HAS Single Gang multi-tech reader for Emerge Essential

LIN P640HAS Single Gang multi-tech reader w/keypad for Emerge Essential

#### LIN PIP12V60W

Plug-in 12VDC 60 watt power supply

#### **IEI SEG1**

#### **Security Ethernet Gateway**

- · LAN/WAN (TCP/IP to serial) Interface Manage IEI access system from any PC on an enterprise network
- · Efficient remote site management
- Utilizes existing network infrastructure
- 128 bit secure encryption
- Uses IEI's HUBSWR software v5.0 or higher

#### Max 3 Access Systems:

Updated version of the Max II with support for both in and out readers connected directly to the module

- · Supports any Wiegand format up to 39 bits
- Supports LED and Sounder control
- Communicates in 1/3 less time as the Max Ш
- Added panel diagnostics for faster installation and improved trouble shooting. Expandable to 64 doors per site and unlimited number of sites.

#### **IEI MAX3SYS**

Max 3 Complete single door access control system kit. Contains Max 3 Door control and backplane to support 3 additional control modules in an oversized metal cabinet with cam lock. Includes XF1050 Proximity reader that is AWID, HID, xCreedID and Casi/Prox lite compatible; Hub Manager Professional access control software; 12/24VDC board power supply; AC transformer.

#### **IEI MINIMAX3SYS**

MiniMax 3 complete single door access control system kit. Includes; Metal locking cabinet, AC transformer, 12VDC 1 amp power supply, Max 3 door control module, Hub Manager Professional access control software, programming keypad, and XF1050 Proximity reader that is AWID, HID, xCreedID and Casi/Prox lite compatible.

#### **IEI MAX3MOD**

Max 3 Module single door access control module. MAX3MOD plugs into Max 3 backplane to expand system capacity one door at a time.

#### **IEI SEGM**

Secure Ethernet Gateway converts Ethernet to serial which enables IEI access systems to use existing corporate network infrastructures. It plugs in easily into Max3, HubMax II, MiniMax 3 and Hub Mini Max II backplanes.



## Access Easy Controller

- · 4 door expandable to 16 doors with options for up to 32 four state supervised inputs and 32 relay outputs
- No dedicated computer required
- Monitor, manage, and control from any computer regardless of operating system
- No software installation required
- Web based user interface via standard web browser
- Events, alarms, and power failure notification via E-mail or SMS - Remote access via Internet or serial modem dial-in.

#### **BOS APCAEC21UPS1**

Four door IP access control with CPU, enclosure, power supply, 4 door board, and software

#### **BOS APIAEC214WR**

AEC 2.1 Controller with 4 Wiegand readers + 8 I/O board

#### **BOS APIAEC218180**

8 In/Output Board for AEC 2.1 Controller



## Infinias is now 3X Logic

#### Integrated PoE Access Control feature Intelli-M control

#### **INF SEIDC32**

Intelli-M PoE network single door controller with up to 2 reader control

#### INF SBASEKIT

Intelli-M Base software kit for up to 32 doors

#### INF SDOORKITWHST

#### Intelli-M Single Door Add Kit with Wiegand HID prox reader with Strike and Sensors

Simplified ordering and successful installation...One kit per door, with or without electric door strike plus one Intelli-M Access (S-BASE-KIT).

Intelli-M Single Door Kit includes following components:

- One S-EIDC32 eIDC PoE network door controller
- One S-SMB-5075 Surface Mount Box
- One A-CRS-6005-GRY HID ProxPoint reader (Gray)
- One S-STRK-2400-05 electric door strike
- · One GRI flush mount door sensor
- · One GRI metal mount door sensor



#### **ENT FSM**

#### Suprema - FaceStation - Smart Face **Recognition Terminal**

Perfect combination of beauty performance. Using Suprema's proprietary algorithms combined with state-of-the-art hardware, FaceStation provides near realtime template matching results. FaceStation comes with a wide array of features & functions, which can be accessed through an intuitive user friendly GUI. It can be used in both standalone or network environments.

#### **ENT ACM2**

#### BioStar ACM Third Party Access Control Integration Software

- Enroll up to 10 templates per user to ensure success
- Manage biometrics, PINs and cards effectively in one user profile
- 1:1 and 1:N verification tests
- View live enrollment feedback and scores
- Customizable Wiegand outputs/inputs up to 64 bit Wiegand
- Programmable Wiegand output for failed access
- Connect and configure up to 512 devices
- Manage authentication modes options based on time and user
- Control matching types on a device basis, utilizing 1:N, 1:1, Template on Card and Server Matching
- Simple firmware management tools
- Real-time monitoring of biometric devices
- Exportable log lists
- Drill down reporting for system diagnostics
- Single/dual line LED controls
- Programmable buzzer control
- Programmable LED device indicators

#### **ENT BEPHOC**

#### BioEntry Plus Fingerprint IP Reader/ Controller

BioEntry Plus is an IP based fingerprint access control device featuring easy installation and user friendly operations. Integrated with both fingerprint and proximity card, BioEntry Plus covers a full range of access control applications from a simple standalone door control to complex networked access control systems

#### **ENT BEWHOC**

## BioEntry W Indoor/Outdoor Fingerprint IP

The Suprema BioEntry Plus/W exquisitely blends the benefits of a next generation distributed IP system with the high level security provided by biometrics. Engineered by the World's leading biometric experts, the BioEntry Series offers unrivaled quality with exceptional engineering. BioEntry W takes the series one step further by encasing a world renowned product into an IP65 vandal resistance housing and adding PoE (Power over Ethernet) capabilities. It is truly the ultimate for outdoor biometric access control systems.















#### **ENT BIOCON-PX**

Biometric Integration Software License for Paxton BioConnect from Entertech Systems allows for Suprema's biometric readers to be integrated with access control systems. Instead of having to manage badge records in two different systems (one for the access control panel and another for the biometric templates), BioConnect seamlessly syncs users between these two systems. Using a simple enrollment window, users can search for a user/badge and add biometric templates.

#### **ENT BIOMINI**

#### **High Performance PC Fingerprint Solution**

- World's best performing fingerprint algorithm:
   Top results in NIST MINEX tests and FVC
- FIPS 201 certified template extractor and matcher
- NIST certified interoperable template format standards (ANSI-378/ISO19794-2)
- Image Compression Standard (WSQ)
- Fast matching speed: 100,000 match within a second Multi-threaded code design fully utilizing multi-core CPU power
- Plug and play USB 2.0 high speed interface
- Supports multiple device handling
- 500 dpi optical fingerprint sensor
- Scratch free sensor surface
- BioMini SDK for easy application software development
- Supports MS Windows and Linux
- Supports multiple programming languages

#### **ENT BSSE2**

#### **BioStar SE IP based Distributed Access Control**

The BioStar system goes a step beyond conventional access control systems, by combining unique biometric identification with configurable access card capabilities. With its intuitive easy-to-use GUI and wizard type settings, BioStar provides comprehensive access control security for enterprise-level systems to small-to-medium sized systems.



#### **Key benefits of Paxton Access systems**

- Reliable, high quality systems: They are confident of their quality and back their components with a 5-year guarantee.
- Systems that are incredibly easy to use: Minimal training required for administrators.
- Systems that are designed to grow with your customer's needs: You can add doors as and when needed.
- Net2 Software: No hidden/unexpected costs or per seat licenses. Software can be installed on as many workstations as required.
- Free software upgrades..

#### Paxton BLU

Paxton BLU is a unique technology to deliver access control services in the cloud. Hosted software is ideal for those projects that require central configuration and managed services of multiple customers, sites, doors and users. Paxton's BLU access controller provides a more secure environment. Customer elects a primary communication to the panel by choosing Ethernet or GSM. Sites can be managed from any device, anywhere in the world. Innovation and simplicity with Paxton BLU.

#### PAX 838-501-US

Paxton BLU Master Controller In Enclosure

#### PAX 838-601-US

Paxton BLU 2 Door Master Control

#### PAX 838-605-US

Paxton BLU GSM Modem Kit

#### PAX 838-621-US

Paxton BLU 2 Door Slave Control

#### Net2 Entry

## Paxton combines video, access control and intercom into one simple totally IP solution!

- Just 3 components simply plug together
- IPv6 auto detect all devices find each other on a network
- PoE enabled one Cat5-6 cable for data and power
- · Handset or hands free at monitor station
- · Touchscreen monitor
- Weather proof video intercom station with embedded prox reader
- Easy integration with Net2 access control

#### PAX 333-110-US

P38 Prox Reader Small Mullion, Includes: Gray & Off White Covers

#### PAX 337-286-US

**NET2 Entry Monitor PoE Only** 

#### PAX 337-727-US

NET2 Entry Access Control Unit, Includes: 4PT PoE Switch

#### PAX 337-837-US

NET2 Entry Intercom Panel, PoE

#### PAX 337-900-US

NET2 Entry Single Door Kit, Includes: Panel/Control/Monitor

#### PAX 337-952-US

NET2 Entry Flush Vandal Resistant Single Door Kit

#### PAX 337-957-US

NET2 Entry Flush Vandal Resistant Intercom Panel

#### PAX 345-110-US

P50M PROX Reader Mullion Mount, Includes: Gray & Off White Covers

#### PAX 373-110-US

P75 PROX Reader Wall Mount, Includes: Gray & Off White Covers

#### PAX 514-326-US

NET2 Desktop Enrollment Reader USB

#### PAX 682-230-US

#### 1 Door Expansion Kit PoE; Includes

- (1) 682-721-US; Net2 Plus with PoE Power Supply in Metal Cabinet
- (1) 345-110-US; P50M Reader

#### PAX 682-290-US

2 Reader System Start Kit w/PoE PS NET2+/ENR Reader/P50 Card Software

#### PAX 682-493-US

**NET2 PLUS Controller PCB Only** 

#### PAX 682-721-US

NET2PLUS Controller in Cabinet w/PoE Power Supply/Outputs

#### PAX 682-810-US

NET2 PLUS Controller Cabinet with Power In/ Outputs

#### PAX 682-825-US

2 Reader System Start Kit w/PS NET2PLUS/EN Reader/P50 Reader/Card

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## prodatakey

#### Net2 Plus Single Door Expansion Kit 24VAC; **Includes**

- (1) 682-810-US; Net2 Plus in Metal Cabinet with 24 VAC Input Power Supply
- (1) 345-110-US; P50M Reader
- 24VAC/55VA (customer supplies transformer)

#### PAX 692-500-US

PAX 682-830-US

10PK NET2 Prox ISO Cards

#### PAX 695-644-US

10PK NET2 Prox Keyfobs

#### PAX 214-326-US

**NET2 Desktop Enrollment Reader** 

#### PAX 930-010-US

#### **NET 2 Professional Software**

- Windows XP or Windows Vista Based.
- Fire alarm integration, roll call/muster reporting and anti-passback.

#### PAX 345-220-US

P50M Mullion Mount, UL, HID/Paxton Compatible Reader

#### PAX 355-110-US

KP50 Keypad/Prox Reader

#### Net2air Ethernet Bridge

The Net2 nano range of access control units uses Paxton Access' Net2Air wireless technology to communicate with the Net2 software. The Net2Air Ethernet Bridge provides the wireless communication link between the PC running Net2 software and Net2 nano control units. Unlike the Net2Air USB bridge, the Ethernet bridge uses the sites LAN/WAN. This means that multiple Ethernet bridges can be placed around a site and linked back to the PC via LAN/WAN. Net2 nano control units can therefore be installed at a greater distance away from the PC running Net2 software. We recommend the use of the Net2Air site surveyor kit for checking signal strength around a site prior to installation.

#### PAX 477-901-US

Net2Air Bridge - Ethernet, PoE, Plastic housing

#### Paxlock

Net2 PaxLock is a battery powered Net2 access control unit in a secure door handle and comes ready to install with a C Keyway lock or alternatively to fit with an SFIC lock. Communication between Net2 PaxLock and the Net2 server is done wirelessly through Net2Air and the Net2Air Ethernet bridges, providing all the advantages of a wireless access control system. Net2 PaxLock is simple to use and fast to fit because it has a self-contained power source, making it ideal for internal doors.

#### PAX 921-130-US

Net2 PaxLock US C Keyway - Galaxy

#### PAX 921-131-US

Net2 PaxLock US C Keyway - Eclipse

#### NEW PDK PM01ACP

#### **Access Control Panel**

The intelligent Access Control Panel is the hub of the access system and a cost effective building block platform that allows expansion in a scalable manner. Up to 1000 doors can be controlled from 1 Access Panel for an efficient space saving package

- Connections: Pro Wireless, Ethernet, USB, VGA, Power
- · Com-Modules: Direct (USB), Network (Ethernet), or Pro Wireless
- Processor: Dual Core Atom
- Memory: 2GB RAM
- · Storage: 40GB solid state Store virtually unlimited Cardholders, Rules, and Events
- All data and configuration auto back up twice a week
- · Connectivity: Remote connection for **Dealer and Customer support**
- Encryption: 128-bit AES
- Environmental: Temperature: 0º ~ 50º C (32º ~ 122º F)
- Humidity: 0 95% relative humidity non condensing
- Enclosure (L x W x H): 12" x 12" x 4" Metal lockable security can (Indoor)

#### NEW PDK PM01CN

#### Cloudnode Main Panel with Single Door Control

- W 6.5" x H 9.25" x D 3"
- Indoor Rated Powder Coated Steel 8 x 1/2" punch-outs, 2 Mounting Holes
- Temperature 0º-50º C (32º-122º F)
- 0-95% Relative Humidity non-condensing
- Unlimited Users, Access Levels, Stored **Events**
- User defined data retention during power loss Software Interface
- Simply connect to www.pdk.io using a browser from any device (desktop, tablet, phone) to instantly configure and manage the system
- 180-day Automatic Data Protection
- WiMac Wireless Mesh (2.4 GHz / 802.15.4)
- Wireless Range: 1 Mile LoS, 450ft indoor average
- Network (Ethernet)
- Connected Devices per Cloud Node: Up to
- Wireless Range: 1 Mile LoS, 450ft Indoor Average
- Encryption: AES 128bit
- **Quad Core Processor**
- 16GB+ Solid State Storage
- Battery-backed real-time clock
- Secure Element HSM
- Input Voltage: 12-24V AC/DC
- Input Power: 24 Watts (e.g. 2A@12V, 1A@24V)
- Output Voltage: 12V DC
- Output Current: 1.5A
- Uninterruptible Power Supply (lead-acid battery not included)
- Battery Charge Current: 500mA
- Wiegand Inputs keypads, (readers, biometrics, etc.): 2
- Dwell Time: 100ms-8hrs
- Ground-triggered Inputs (DPS, REX, etc.): 2
- Relay Outputs (2A contacts): 2

#### NEW PDK PM05MNR

#### **Pro Wireless Mesh Network Repeater**

Repeat the signal between Pro Wireless Door Controllers where the signal may be weak. When powered up the Repeater becomes part of the mesh with a 5db gain antenna for longer distances. Items included: 110 VAC plug, USB Cable, and Repeater Module with Antenna.

#### NEW PDK PM07EDCW

#### **Eight Door Controller - Wireless**

Use the Eight Door Controller for eight individual doors or ten elevator doors. Add the Eight Door Expansion kit to control sixteen total doors or twenty total elevator Doors out of one 12x12 security enclosure. Whether controlling doors or elevators you will not and a smaller, more efficient, easy-touse controller on the market.

#### NEW PDK PM07SDCW

#### Single Door Controller

The Single Door Controller will control a single door with all the expected connections for Reader (In/Out), DPS, REX, and more. Includes a 12/24 VDC 1.5 Amp charging power supply with high or low voltage input options and a small security enclosure. This Door Controller is built to get closer to the door being controlled, saving time and money on lengthy wire runs.

#### ProDataKey Credentials

The credentials are not only fully functional with ProdataKey Readers, but all other 26bit wiegand readers on the market and offer a competitive alternative to proprietary credentials used by most legacy systems. The ProdataKey line of credentials offers a solution for commercial, residential, clubhouse, educational, and all other areas where secure access is needed.

#### NEW PDK PM07EIOE

**Printable Credentials** 

#### NEW PDK PP08KFC Fob

#### NEW PDK PP08RDRM

## Reader (Mullion Style) 26bit Wiegand HID®

Compatible ProdataKey's reader combines multiple configuration options with an attractive,

inconspicuous design and economical price. Its secure potted electronics are ideal for both indoor and outdoor applications.

- Operating Voltage: 9 ~ 18V D C
- Frequency: 125K Hz
- Card Type: EM card and HID card format
- Reading Distance: 1 3/8 to 3 1/8"
- Output: HID Wiegand 26 37, EM Wiegand
- Environmental: Indoor/outdoor, waterproof
- Temperature: -40° F ~ 140° F
- Humidity: 10% 98% relative humidity non condensing
- Standby Current: ≤25 mA
- Index of Protection: IP 66
- Enclosure (L x W x H): 4 3/4" x 1 7/8" x 7/8"
- 43/4" x 3" x 7/8"



# **KANTECH**













#### 8io - Eight Door/Ten Floor Controller

A flexible solution to control numerous doors from a central location. With enough mounting space for a second Eight Door Controller you can connect a total of sixteen doors or twenty elevator floors.

#### NEW PDK PP08CPC

Eight io Door Controller - Ethernet

#### NEW PDK PM07EIOEE

Eight io Door Expander – Ethernet

#### NEW PDK PM07EIOEW

Eight io Door Expander - Wireless

#### NEW PDK PM07EIOW

Eight io Door Controller - Wireless



Brivo System produces IP solutions for your access control needs. Their line-up features the Online Access Control System (ACS). This system is expandable to up to 30 doors, up to 5000 credentials per control panel, 50,000 event buffer, up to 14 expansion door boards or Input/Output boards, 128 bit encryption, 8 supervised inputs expandable to a maximum of 120 per panel, and 6 outputs expandable to 118 maximum per panel. All programming and system management is done via an easy to use browser interface. The system can provide up to the minute event notification via email, pager, or cell phone.

#### **BRI ACS5000S**

Main control with two reader control board, power supply, transformer, battery

#### **BRI ACS5000EXP**

Expansion chassis to accommodate 2 expansion boards in an enclosure with power supply, transformer and battery

#### **BRI ACS5000DB**

Two reader expansion door board

#### **BRI ACS500010**

Input/Output expansion board with 8 inputs and 8 outputs



THE EDGE SOLO - Network based interface and standalone access control. Give your customers access to their doors from anywhere using a standard web browser. A 1000 card capacity and 5000 event buffer fits most applications.

#### **HID 83000CKE**

EDGE Plus Solo IP Based stand-alone single door access control solution - interfaces with any Wiegand reader.

#### **HID 83120**

EDGE Solo IP Based stand-alone single door access control solution with integrated RP40 iClass smart card reader.

#### HID K83000BKEPC

#### **EDGE SOLO Kit w/Multi-Class Reader**

#### Package includes:

- ES400 IP Single door controller,
- · RP15 Multiclass reader and 20 iClass cards.
- · The Multiclass reader can read both iClass and standard HID proximity cards

#### HID K83000BKERC

#### **IP Access Control reader kit**

#### Kit includes:

- (1) Edge Solo ES400,
- (1) R15 iClass reader,
- (20) iClass 2k cards programmed w/ 37bit H10302 format



#### KAN KT400

#### **Ethernet-Ready Four Door Controller**

- Supports four readers and expand inputs, outputs, and relays with the addition of expansion modules
- Onboard Ethernet 128-bit AES-encrypted communication with the EntraPass system ensures a high degree of network security
- · Anti-Passback feature
- 100,000 card capacity and up to 20,000 concurrent events in stand-alone mode
- Removable terminal blocks
- 256 Inputs and Outputs
- · Verify and configure IP setting with built-in web configuration page
- · Supervised door lock outputs with internal or external power supply

#### **KAN SKSE402**

#### KT400, 4-Door Access Control Starter Kit

- Includes: EntraPass Special Edition Software
- KT-400 Controller
- (3) P225XSF Readers
- (1) P225KPXSF Reader
- USB-485 Communication Interface
- TR1675 16VAC/75 VA Transformer
- KT-BATT-12 12V 7 AH Battery
- (5) P40KEY Keyfobs

#### **KAN EK400**

#### 4-Door Expansion Kit

- Includes: KT-400 Controller
- TR1675 16VAC/75 VA Transformer
- KT-BATT-12 12V 7 AH Battery

#### **KAN EK402**

#### 4-Door Expansion Kit

- Includes: KT-400 Controller
- (4) P225XSF Readers
- TR1675 16VAC/75 VA Transformer
- KT-BATT-12 12V 7 AH Battery

#### KAN KT1

#### One Door IP Controller

The KT-1 single door controller provides simplicity at the edge of an IP network. With its single button programming and on-board Ethernet port for direct network connection, the KT-1 controller is up and running in just a few easy steps.

**TWORK** 

#### **KAN KT1M**

Ethernet-ready one door controller (KT-1-PCB) and metal cabinet (KT-1-CAB-M), 12VDC/PoE

#### **KAN EK1RDR**

#### **Expansion Kit**

KT-1 and ioProx reader (P225XSF).



#### KER NetXtreme

TCP/IP Based Access Control Solution - This fully scalable IP Access Control solution features SQL Compliant software with Thin Client/Server Architecture for easy software transportability. It can be used by multiple concurrent operators across multiple concurrent sites. Each Node can have 50,000 cards and thousands of doors. It can be wired into an existing LAN or a parallel CAT 5 network.

#### **KER NXT2D**

2 Door System controller includes enclosure and software

#### **KER NXT2D-MSC**

#### 2 Door/4 Reader NXT Controller with **Mercury Powered Option**

Manages 2 doors access and egress (4 readers) when used with NXT prox readers, or 2 doors (2 doors access or 1 door access + egress) when used with MS or Wiegand reader types, with enclosure KER NXT4D 4 Door System controller includes enclosure and software

#### **KER NXT4X4**

Optional local door controller with 4 supervised inputs and 4 general purpose form C outputs

#### **KER NXT4KIT**

#### **Complete 4-Door Access Control System**

- (1) NXT Software CD w/ one Client
- (1) NXT-4D-X, Four Door Controller
- (1) NXT Power Supply
- (4) NXT-3R Mullion Readers
- (4) NXT-C Clamshell Prox Cards
- (4) NXT-I ISO Prox Cards w/o Mag
- (4) NXT-K Proximity Keytags
- One Lot Enclosure and Hardware

#### KFR NXT4D-MSC

#### 4 Door/8 Reader NXT Controller with **Mercury Powered Option**

Manages 4 doors access and egress (8 readers) when used with NXT prox readers, or 4 doors (4 doors access or 2 door access

+ egress) when used with MS or Wiegand

reader types, with enclosure KER NXTS

#### **Multi Technology Card**

- ISO Thin, just 0.031" (0.8 mm)
- Designed for photo ID printing
- With Magnetic Stripe
- · Can also print Bar Codes
- Unique, non-duplicated ID codes
- 128 bit Encryption

#### **KER NXTRM3**

Reader interface module for adding standard Wiegand reader to NetXtreme system

**KER NXT3R** Mullion Style NetXtreme prox

KER NXT5R Wall Switch Style NetXtreme prox reader

**KER NXT1R** Euro Mount Style NetXtreme prox reader

#### Credentials for NetXtreme prox readers:

**KER NXTC** Clamshell card

**KER NXTK** Key tag

#### KER DNET500UP15

Licenses for upgrading PXL500 to Doors. Net (from Doors32). Software for 1 to 5 controllers.

 Upsell your existing customers by showing them how to get more from their system and extend its life by upgrading to Doors. NET Software.

#### **KER LAN520AES**

#### LAN port RS232 to Ethernet Converter, **Encrypted**

This small option board plugs into any PXL-500, PXL-510 or Time and Attendance providing an interface to a customer's Ethernet backbone. The unit acts as a 100baseT gateway from the master of any PXL-500 based system to the rest of the RS485 network.

Call SES today to learn more about this highly flexible IP Access Control Solution.



#### **KEY CIM**

#### **Computer Interlink Module**

The Keyscan CIM establishes communication links for each control panel with CAN Bus communication protocol using one twisted pair cable for server to ACU communication and another twisted pair for global communication, all standard CAT5 cabling

#### **KEY NETCOM2P**

#### **Network Communication Board**

- This plug on TCP/IP communication adapter provides network connectivity for the CB485 communication board
- Delivers multiple ACU communication to PC over a LAN/WAN (TCP/IP)
- Plugs into socket on CB-485
- Suitable for 10/100 Ethernet/Fast **Ethernet applications**
- · Uses static IP address
- Encrypted version available (NETCOM6P)

#### **KEY NETCOM2**

#### **Network Communication Interface**

- Ideal for providing TCP/IP LAN/WAN connectivity for a single ACU
- Uses a Static IP
- Suitable for 10/100 Ethernet/Fast Ethernet applications



SES is a proud distributor for RBH Access Technologies. RBH offers a complete line of access control systems.

#### Their Integra 32™ software features:

- Up to 10 Simultaneous full function clients
- Up to 99 System operators
- Up to 64 Integra 32™ Controllers
- Up to 128 Access Points
- Up to 512 inputs and outputs
- Up to 5000 cards per panel, expandable to 8000 cards
- 32 Schedules with 8 time zones each
- Integra 32™ Software offers complete network flexibility: TCP/IP, LAN, WAN

Integra 32™ Software is available in a variety of "one box" kit solutions such as:

#### **RBH URC2008**

Elevator Control for up to 8 floors

#### **RBH LIF200**

Network module connects up to 16 panels

## IP Addressable Video Intercoms:



#### IS Series - IP Security Intercom Features:

- Unlock doors & communicate remotely from anywhere on the network and communicate easily between stations
- Program daily bulletins & bell schedules on or off site making it ideal for schools and school districts
- Broadcast emergency announcements
- Install up to 20 doors -20 masters -120 rooms together using a Cat 5e/6 cable

Wide angle, digital Pan Tilt/Zoom camera door station, zinc die cast, surface mount

Wide angle, digital Pan Tilt/Zoom camera door station, stainless steel, flush mount

Audio only door/substation, stainless steel, flush mount

AIP ISMV Video master station

AIP ISRS Audio only room/substation

AIP ISCCU Central Control Unit for 4 doors-4 masters

AIP ISSCU Add-on Control Unit for 8 doors-8 masters

AIP ISRCU Room Sub Control Unit for 30 rooms

#### **AIP ISPUUL** Power supply

Expand to up to 160 doors-160 masters-960 rooms per system with up to 32 systems total globally and 1,024 IP Addressable devices. Bring the IS Series onto a LAN/WAN network















#### All-in-One Box Solution IS-IP Series IP Video Intercom Kits

- · All-in-one communication system to control video entry, public address, access control, and scheduled bell systems
- Uses new or existing CAT-5e / 6 network infrastructure (multicast must be enabled on the network)
- Program system functions via browser
- For Local IP and Local Hardwired Basic conversation plus full range of exchange functions including time based call forwarding, scan monitoring, emergency call, priority call, and unit paging
- IP addressable stations available for easy network communication
- PC master station records audio/video directly

AIP ISIPDV - IP addressable, wide angle, digital PanTilt/Zoom camera door station, zinc die cast, surface mount

AIP ISIPMV - IP Addressable video master station Control units



#### **Net2 Entry IP Video Intercom**

- · Now with Genuine HID Technology
- Fully integrated access control and PoE video intercom connected via a single Cat5
- IP video intercom made easy and scalable using IPv6 plug and play architecture
- SIP compatible door panel for IP phone and mobile app communication
- Includes Paxton's industry high 5 year warranty

#### PAX 337-405-US

Net2 Entry IP Video Intercom, Flush Mount

#### PAX 337-425-US

Net2 Entry IP Video Intercom, Surface Mount

#### PAX 337-505-US

Net2 Entry IP Video Intercom, Flush Mount, Vandal Resistant

#### PAX 337-525-US

Net2 Entry IP Video Intercom, Surface Mount, Vandal Resistant



#### **COM 8513HIM**

Single-Family Kit w/iKall Metal and Master Gateway. ViP H264

#### The kit consists of:

- (1) external video door entry unit for ViP system (4894IM)
- (1) 33VDC power supply unit (1595)
- (1) 30W power supply unit (1441B)
- (1) Master gateway (1456)
- The kit is pre-programmed and ready to use. except for 1456 gateway configuration which must be carried out via internal web server.
- The kit can be expanded with other products from the VIP catalogue.

#### RNG 88LP000CH000

#### 1080p Ring Pro Video Doorbell w/ 4 Covers

- Ultra slim design with advanced features
- Requires an existing hardwired doorbell
- **Advanced Motion Detection**
- Interchangeable Faceplates
- 2.4 or 5 GHz Wi-Fi Connection Lifetime Purchase Protection
- **Night Vision**
- Two-Way Audio
- Works with iOS, Android™ & Windows 10

#### Ring Video Doorbells

- Works on every home with or without a doorbell.
- Quick and easy install.
- 720p HD Video
- Motion Detection
- **Built-in Rechargeable Battery**
- 2.4 or 5 GHz Wi-Fi Connection
- Lifetime Purchase Protection
- **Night Vision**
- Two-Way Audio
- Works with iOS, Android™ & Windows 10

#### RNG 88RG000FC000

Ring Video Doorbell, 502 Satin Nickel Finish

#### RNG 88RG001FC100

Ring Video Doorbell, 503 Polished Brass Finish

#### RNG 88RG002FC100

Ring Video Doorbell, 504 Venetian Bronze Finish

#### RNG 88RG003FC100

Ring Video Doorbell, 505 Antique Brass Finish

#### RNG 88SC000FC100

#### Ring Stick-Up Camera, Black

- · Weather-resistant and wire-free, mount Stick Up Cam anywhere to see, hear, and speak with
- Motion Detection Customize motion zones and sensitivity to activate Stick Up Cam and trigger Ring App alerts
- Two-Way Audio
- Night Vision
- · Cloud Video Recording

#### RNG 88CH000FC000

#### **Ring Chime**

- Chime plugs into any standard power outlet and works with your Ring Video Doorbell to let you know when you have a visitor even if your phone is in the other room.
- Set up as many Chimes as you want, and never miss a ding



#### Alarm.com Wi-Fi Doorbell Camera

Skybell HD Edition enables homeowners to hear, see and speak to visitors, and also works with other sensors and devices in the home to extend awareness and control to the front  The smart entry solution lets homeowners securely manage access by seamlessly unlocking the door from the video call screen in the Alarm.com mobile app.

#### **ALM ADCVDB101**

Wi-Fi Doorbell Camera, Satin Nickel Finish

#### **ALM ADCVDB102**

Wi-Fi Doorbell Camera, Bronze Finish

#### **ALM ADCVACCDBDA**

Digital Doorbell Adapter

#### IP Environmental Monitors:



## Carrier Branded CôR Wi-Fi Thermostat

#### Côr Wi-Fi Smart Thermostat

- Wi-Fi enabled for remote access via Internet with Apple® or Android™ smartphone and table devices
- Designed to save energy with smart setback and energy reporting features
- Wide range of HVAC system and brand compatibility

## WINLAND ELECTRONICS, INC.

#### WIN EA800IP

## EnviroAlert IP based environmental control 4-wireless and 4 hardwire zones

- IP Networking Monitoring Console
- 12-24VDC
- RMR Generating device

#### **Wireless Transmitters and Sensors**

All Wireless sensors feature 1000' line of sight range - Estimated 3 year battery life on 2 AA alkaline batteries.

#### **WIN WTS**

Wireless temperature sensor

#### **WIN WHS**

Wireless humidity sensor

#### **WIN WMFS**

Wireless multi-function sensor

#### Hardwire Sensors for EA800IP

#### **WIN TEMPHS**

New Stainless Steel Hi Temp Probe (M-001-0081)

#### **WIN TEMPLW**

Temp Sensor, Low Temp, Waterproof (Blue) -58 to 158°F (-50 to 70°C)

#### **WIN WSS**

Standard water surface sensor – Supervised (Will alarm if wire is severed.)

#### **WIN WUCU**

Under carpet sensor for WB-200

#### WIN HA3 (HAIII+)

Electronic Humidity Sensor (Not Compatible with EA-WMFS)

(5-95% RH ±5% @ 10-90% RH, 77°)

#### **WIN PS110**

Power-Out Alert (1022) Plugs into any outlet - Adjustable time set from 1-6 minutes for power outage before alert

## PoE Power Supplies:



## Netway Midspan PoE Power Injectors

#### **ALT NETWAY1**

#### Single Port Injector (Midspan)

- UL/CUL Listed for Information Technology Equipment (UL 60950-1)
- UL Listed for Access Control Systems (UL 294)
- CUL Listed CSA Standard, Signal Equipment
- One (1) port of video over Ethernet (CAT5) cable up to a distance of up to 100m (328 ft.) per port
- 24VAC/VDC input
- IEEE 802.3af compliant port provides up to 15.4W max. power per channel
- Trigger input feature allows for PoE shutdown
- Lifetime Warranty

# TRENDNET®

## **Rugged Industrial Switches**





TI-PG80

#### 8-Port Hardened Industrial Gigabit PoE+ DIN-Rail Switch

- 8 x Gigabit PoE+ Ethernet ports
- Up to a 200 Watt full PoE+ power budget
- Hardened IP30 rated metal switch
- Limited Lifetime Warranty



TI-G5

## 5-Port Hardened Industrial Gigabit DIN-Rail Switch

- 5 x Gigabit Ethernet ports
- Hardened IP30 rated metal switch
- Includes DIN-rail and wall mounts
- Limited Lifetime Warranty

TPE-TG160a

#### 16-Port Gigabit PoE+ Switch

- 16 x Gigabit PoE+ ports
- 246 W PoE budget
- 32 Gbps switching capacity
- Limited Lifetime Warranty

## **PoE Solutions**



TI-PG80

## 28-Port Gigabit Web Smart PoE+ Switch

- 4 x Gigabit PoE+ ports
- 20 x Gigabit PoE ports
- 4 x SFP slots
- 185 Watt PoE budget



www.trendnet.com















#### **ALT NETWAY1512**

#### 15W adapter for conventional IP cameras

- UL/CUL Listed for Information Technology Equipment (UL 60950-1).
- 12VDC/15W adapter for non-PoE compliant IP cameras.
- · Lifetime Warranty.

#### **ALT NETWAY3012**

#### 30W adaptor for conventional IP cameras

- UL/CUL Listed for Information Technology Equipment (UL 60950-1)
- 12VDC/30W adapter for non-PoE compliant IP cameras
- Lifetime Warranty

#### **ALT NETWAYXT**

#### PoE repeater

- UL/CUL Listed for Information Technology Equipment (UL 60950-1)
- Repeater module extends data range 100m (328 ft.) each
- No external power required
- Compatible with NetWay1, NetWay8/8M and NetWay16/16M
- Lifetime Warranty

#### **ALT NETWAY16**

#### Sixteen (16) Port PoE Midspan

- UL/CUL Listed for Information Technology Equipment (UL 60950-1)
- Sixteen (16) ports of video over Ethernet (CAT5) cable up to a distance of up to 100m (328 ft.) per port
- Four (4) ports are selectable for 30W to accommodate IP PTZ cameras (requires NetWay3012 adaptor for each camera port)
- Unit provides up to 15.4W max. power per channel
- IEEE 802.3af compliant
- Individual port status LEDs
- Auto detection and protection of legacy non-PoE cameras
- Unit can be rack, shelf or wall mounted
- 1U EIA 19" rack mount chassis
- Lifetime Warranty

#### **ALT NETWAY8**

#### Eight (8) Port PoE Midspan

- UL/CUL Listed for Information Technology Equipment (UL 60950-1)
- Eight (8) ports of video over Ethernet (CAT5) cable up to a distance of up to 100m (328 ft.) per port
- Two (2) ports are selectable for 30W to accommodate IP PTZ cameras (requires NetWay3012 adaptor for each camera port)
- Unit provides up to 15.4W max. power per channel
- · IEEE 802.3af compliant
- Individual port status LEDs
- Auto detection and protection of legacy non-PoE cameras
- Unit can be rack, shelf or wall mounted
- 1U EIA 19" rack mount chassis
- Lifetime Warranty

## Netway Midspan PoE Power Injectors

#### **ALT NETWAY16M**

#### Sixteen (16) Port PoE Managed Midspan

- UL/CUL Listed for Information Technology Equipment (UL 60950-1)
- UL Listed for Access Control Systems (UL 294)

- CUL Listed CSA Standard, Signal Equipment
- Sixteen (16) ports of cameras/edge devices over Ethernet (CAT5) cable up to a distance of 100m (328 ft.) per port
- Unit provides up to 30W max. full power per port. Total power: 300W
- IEEE 802.3af (PoE) and IEEE 802.3at compliant (PoE+)
- Short circuit protection
- Programmable PoE shutdown for each port. Utilized to reset cameras/edge devices
- Auto detection and protection of legacy non-PoE cameras/edge devices
- LAN or laptop connection enables programming of PoE shutdown and port monitoring
- Lifetime Warranty

#### **ALT NETWAY8M**

#### Eight (8) Port PoE Managed Midspan

- UL/CUL Listed for Information Technology Equipment (UL 60950-1)
- UL Listed for Access Control Systems (UL 294)
- CUL Listed CSA Standard, Signal Equipment
- Eight (8) ports of cameras/edge devices over Ethernet (CAT5) cable up to a distance of 100m (328 ft.) per port
- Unit provides up to 30W max. full power per port. Total power: 150W
- IEEE 802.3af (PoE) and IEEE 802.3at compliant (PoE+)
- Short circuit protection
- Programmable PoE shutdown for each port. Utilized to reset cameras/edge devices
- Auto detection and protection of legacy non-PoE cameras/edge devices
- LAN or laptop connection enables programming of PoE shutdown and port monitoring
- · Lifetime Warranty

#### **ALT HUBWAYAV2**

#### Slim-line Video Balun/Combiner

- Interfaces with HubWay and HubSat UTP Transceiver Hubs for 24VAC/12VDC fixed or PTZ cameras (based on power supply selection)
- Used to pass through video/data and power

#### **ALT HUBWAY82DS**

HubWay Series provides centralized UTP Video, RS422/RS485 data and distributed camera power over a single CAT 5e or higher to simplify CCTV installation for distances up to 1000 feet. This provides eight individually selectable power outputs. Includes 8ea HUBWAYAV Video Balun/Combiners

#### ALT EBRIDGE1CRT

#### IP over Coax Solution - eBRIDGE Kit

One (1) eBridge1CR Receiver and one (1) eBridge1CT Transceiver

#### ALT EBRIDGE1PCRT

#### IP and PoE over Coax

- High-performance and cost effective solution to transmit IP video/data and power over coax cable up to 1500ft
- Allows easy upgrade of legacy coax infrastructure
- Supports IEEE 802.3af (PoE) cameras and access control devices
- Eliminates labor and costs of deploying new cable
- Auto detection and protection of legacy non-PoE cameras/devices

## ALT EBRIDGE100RMT Ethernet over Coax/CAT5e Adapter Kits for

## Extended Distances • Replace legacy analog products with new

- IP devices over existing coax or CAT5e cable
- Works with Megapixel, HD720, HD1080 and VGA (SD) cameras
- Extend Network link distance in an industrial environment
- Upgrade deployed CCTV Coax to a digital network in Retail, Casinos, Airports, Schools, Hospitals, etc

#### **ALT NETWAY1D**

## Single Port Hi-PoE Injector for Standard & Enhanced Power Network Infrastructure

NetWay1D is an indoor single port midspan injector that provides Hi-PoE (60W), PoE+(30W), and PoE (15W). The unit is also equipped with a 56VDC Class 2 rated power-limited output for use with Altronix eBridge™ Plus receivers. NetWay1D operates at 115VAC or 230VAC input.

#### **ALT NETWAY1DWP**

Outdoor Single Port Hi-PoE Midspan Injector NetWay1DWP is an outdoor single port midspan injector that provides Hi-PoE (60W), PoE+ (30W), and PoE (15W). The unit is ideal for use with outdoor IP cameras and PTZs, WiMAX modems and WLAN access points. NetWay1DWP features a lightweight NEMA 4/4X IP66-11 rated enclosure that can be wall or pole mounted. The unit operates at 115VAC or 230VAC input.

#### **ALT PACE1PRMT**

## IP and PoE+ over extended distance UTP or CAT5e

Pace1PRMT is a long range Ethernet adapter kit which transmits data at 100mbps full duplex and power via a single twisted pair (UTP) or Cat5e or higher cable in a PoE(+) compliant format. The Pace1PRM receiver is powered via a PoE midspan such as the Altronix Netway series or by an endspan. The receiver passes the PoE(+) compliant power over the cable to the Pace1PTM transceiver which in turn passes this power to an enabled IP camera/device. These plug and play units facilitate cost effective solutions for IP devices that need to be installed at distances greater than 100m. They also provide a simple way to replace legacy analog products with new IP devices over single twisted pair (UTP) or structured cable.

- Extend Network link distance in an industrial environment over 150m (UTP) or 500m (CAT5e or higher)
- Retrofit digital IP cameras in an analog CCTV CAT5 wired installations.
- Works with Megapixel, HD720, HD1080 and VGA (SD) cameras. With proper head end equipment.



## Structured Cabling CCTV Power Supply Solutions

#### **NVT 16PS10PVD**

16 Channel Power Supply Cable Integrator HUB - provides power 24V to 28 VAC to cameras and pan/tilt control over a single CAT5E or CAT6 cable - 568B compliant - Individual Channel diagnostic LEDs and 3 position power switch.

#### **NVT 8PS13PVD**

**8 Channel Power Supply Passive Receiver HUB** - same features as the 16PS10PVD with an integral passive twisted pair receiver HUB.

#### **NVT 16PS13PVD**

16 Channel version of the 8PS13PVD

## Passive/Active Hardware Modules:



#### NAP IREMOTEMOD/12

iRemote control internet module for use with iPhone® to control Gemini series control panels. Includes 12 months of service.



#### **ONQ DA1015V1**

#### **Desktop 5-Port Gigabit Ethernet Switch**

The Desktop 5-port Gigabit Ethernet Switch is a high performance, low cost, and easy to use switch. Easily upgrade to improve your old network to Gigabit speeds (1000Mbps).

#### **ONQ DA1101**

In Ceiling/In-Wall Wireless Access Point 802.11

#### **ONQ DA2131V1**

#### **Outdoor Wireless Access Point**

The Legrand 802.11n Outdoor Wireless Access Point extends the range of the home network to back-yards, porches, decks and patios. Weather resistant with IP 55 casing protection, the Outdoor WAP is suitable to be installed in outdoor environments and exposed locations as well as indoors, and will operate normally under conditions including rain and wind. With connection speeds of up to 150Mbps, this Outdoor WAP supports wireless applications such as streaming video services and web browsing

## Gigabit 1 and 4 port Powerline Adapters ONQ DA2301V1

#### 1-Port Powerline Network Adapter

With the On-Q/Legrand 1-Port Powerline Network Adapter, you can set up a second Ethernet (wired Internet) connection in your home, thereby expanding your home network to an additional location. This allows you to connect Internet-enabled devices (gaming systems, Blu-ray players, PCs, TVs, etc.) directly to the Internet.

- Expands a home network to locations without an Ethernet connection
- Works in conjunction with the Four-Port Powerline Adapter
- Delivers Internet connection over existing power lines in the home
- Offers high speeds up to 500Mbps

#### **ONQ DA2304V1**

#### 4-Port Network Powerline Adapter

Plug the On-Q/Legrand 4-Port Powerline Adapter into any standard power outlet in your home for an easy, retrofit high-speed Internet connection. With four ports to support four devices, the adapter offers an affordable solution for streaming online video through your TV, setting up online gaming for your XBox®, and implementing any other entertainment networking possibilities. The Powerline Adapter offers speeds up to 500Mbps for reliable streaming no matter the content.

- Connects four internet-capable devices using existing power cable
- Enables streaming of HD content throughout your home
- Offers Internet speeds up to 500Mbps
- Plugs into any standard power outlet



#### **DTK MRJPOE**

#### Power over Ethernet Power/Data Surge Protection

- Protects all 4 pairs
- RJ45 connection with external grounding screw
- Multi-stage hybrid design provides the best possible protection
- Complies with IEEE Std. 802.3af for Power over Ethernet
- Ten Year Limited Warranty



#### **ELK IP232**

#### **Serial to Ethernet Converter**

- Supports both UDP and TCP protocols
- Allows up to twelve (12) simultaneous TCP-IP network connections
- Outgoing connections may be initiated upon power up or when serial activity is detected. They may remain connected indefinitely or for a set time period
- Integrated 802.3 compliant 10/100 Mbit network interface
- RS232, DB9M 9-pin serial port connection
- Connects to the M1 RS-232 Serial port (Port 0)
  - RJ45 8-pin Network Jack
- 2.1mm barrel type power connector (center positive)
- · LED Indicators for Power, Link, and Data



# LUXUL Abrand of Blogge LUX ABR4400











#### **ELK M1XEP**

Ethernet port interface makes M1 controls accessible via LAN/WAN or Internet - Built-in web

#### Switches/Routers/Access Points



#### **INA IN41POE**

4 Port 10M/100M Desktop PoE Fast Ethernet Switch

#### **INA IN81POE**

8 Port 10M/100M Desktop Fast Ethernet Switch

#### **INA IN242POEWM**

Full Power 24 Port 10M/100M, PoE + 2 Gigiabit Copper 1000M



#### LUX ABR4400

#### AV Series (Ports on the Back) Multi-WAN Gigabit Router

- 1 Dedicated WAN, 1 Dedicated LAN, 3 LAN/ **WAN Configurable Ports**
- 1 USB 2.0 Port
- · Auto Failover between WAN ports
- Load Balancing
- Virtual Private Network (VPN): PPTP, L2TP, **IPsec**

#### **LUX AGS1016**

#### **AV Series 16-Port Gigabit Switch**

- 16 Gigabit RJ45 Ports
- 32Gbps Switching Capacity
- Non-Blocking and Full-Duplex for Optimal **Network Performance**
- Auto Uplink (MDI/MDI-X)
- Plug-and-Play

#### LUX AGS1024

#### AV Series 24-Port Gigabit Switch

- 24 Gigabit RJ45 Ports
- 48Gbps Switching Capacity
- Non-Blocking and Full-Duplex for Optimal Network Performance
- Auto Uplink (MDI/MDI-X)
- Plug-and-Play Setup

#### NEW LUX XRMDTZ1

#### **Domotz Pro Remote Management**

- Processor: Intel Celeron N2807 (up to 2.16GHz)
- RAM: 1GB DDR3L
- Storage: 4GB eMMC
- Network Connectivity: Gigabit Ethernet
- Additional Connectivity: 1x USB 2.0, 1x USB 3.0, 1x HDMI
- Power supply: 5V/3A micro USB type connector with US, EU and UK plugs
- Other Highlights: Premium Enclosure, Open Architecture, Automatic software upgrades, Multi-VLAN support
- In The Box: Power supply (110/220V), Flat Gigabit Ethernet cable

#### NEW LUX XWR1200

#### **Dual-Band Wireless AC1200 Gigabit Router**

- 802.11ac Wi-Fi (up to 1200Mbps)
- Seamless Roaming with Luxul Roam Assist™
- 2×2 MIMO
- High Power for Extended Signal Range
- Wireless Data Transfers of up to 1200Mbps
- Concurrent Dual-Band (2.4 GHz and 5GHz)
- 5Ghz Beamforming Technology
- Virtual Private Network (VPN)
- Secure Guest Networking
- Quality of Service (QoS)
- **Network Security and Firewall**
- 1 WAN and 4 LAN Gigabit Ports
- USB 2.0 Port
- · Three Year Limited Warranty

#### NEW LUX XWR3100

#### XWR-3100 Empowered Wireless Gigabit Router

- 802.11ac Wi-Fi (data transfers up to 3100Mbps)
- Easily Expands Wi-Fi Network with up to 2 Additional APs
- Seamless Roaming with Luxul Roam Assist™
- 4x4 MU-MIMO (Wave 2)
- High Power for Extended Signal Range
- Concurrent Dual-Band Wireless AC
- · 2.4 and 5GHz Beamforming
- · Quality of Service (QoS)
- VPN Remote Access
- · Secure Guest Networking
- · Network Security and Firewall
- 1 WAN and 4 LAN Gigabit Ports
- USB 3.0 Port
- Three Year Limited Warranty

#### **LUX XAP1240**

#### **High Power Wireless 300N Outdoor Access Point**

- · High Output Power for Maximum Coverage
- Compatible with the Luxul XWC-1000 Wireless
- Patented Signal Propagation Technology
- VLAN Support for Creating a Secure Guest Network
- Up to 4 SSIDs
- Single Cable Installation with PoE (Injector included)

#### **LUX XAP1410**

#### High Power AC1200 Dual-Band Wireless AP

- High Performance 802.11ac Wi-Fi (up to 1200Mbps)
- · High Output Power for Maximum Coverage
- Concurrent Dual-Band (2.4 GHz and 5GHz)
- 5Ghz Beamforming Technology
- Compatible with the Luxul XWC-1000 Wireless Controller
- VLAN Support for Creating a Secure Guest Network
- Up to 4 SSIDs per Band (8 Total)
- Single-Cable Installation with PoE (Injector included)
- Installs on Ceiling or Wall; or Use as a Desktop
- Simple and Discreet Installation
- · Three-Year Limited Warranty

#### **LUX XBR4400**

The Luxul Commercial Grade Multi-WAN Router (XBR-4400) is a critical building block of your IP network. With Gigabit performance across all ports, it provides an optimal platform for setting up the ultimate residential or commercial network. This commercial grade router allows for up to 512

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concurrent device routing entries. It features advanced management, as well as firewall, QoS, VLAN, VPN and other capabilities that ensure optimal performance, scalability and security of your network.

#### LUX XFS1084P

The Luxul 8-Port Fast Ethernet PoE Switch (XFS-1084P) provides exceptional performance, quality and reliability. It is an affordable choice for expanding your network when using PoE-enabled devices such as VoIP, IP cameras and Wireless Access Points. This 8-port switch lets you use standard Ethernet cable to deliver power and data to up to four 802.3af-compliant devices, while also attaching up to four more Ethernetenabled devices at full duplex speeds of up to 200Mbps.

#### **LUX XGS1024S**

The Luxul 24-Port Gigabit Flex Mount Switch (XGS-1024S) provides exceptional performance, quality and reliability. It offers all the benefits of a full-sized 19" rack mount switch in a smaller footprint and is a great choice for expanding your wired network or setting up a VoIP, multimedia or extreme gaming environment. With a 48Gbps backplane, this 24-port switch lets you network up to twenty-four Ethernetenabled devices at full-duplex, non-blocking Gigabit speeds. It can easily be mounted on a wall, desktop or in a 19" rack using the included mounting hardware.

#### **LUX XMS1024**

It is an excellent choice for expanding your wired network or setting up a high performance VoIP, multimedia or extreme gaming environment. This 24-port Gigabit Switch also features advanced management and security capabilities to ensure optimal benefit from your home or office network.

#### **LUX AGS1008M**

8 Port Gigabit Switch w/Magnetic Mount

#### **LUX AGS1016**

AV Series 16 Port Gigabit Rack Mount Switch

#### **LUX AMS1208P**

#### AV Series 12 PORT/8 PoE+ Gigabit Managed Switch (130W)

- · 10, Gigabit RJ45 Ports
- 2, Gigabit SFP ports
- 8 Ports Support 802.3af/at PoE+ with 130 Watt Power Budget
- 24Gbps Switching Capacity
- · Layer 3 Static Routing
- 802.1Q VLAN (with Trunking) and QoS Support
- · Plug-and-Play Installation with Intuitive Management
- · Simple Power Management of PoE-**Enabled Devices**
- User Selectable Green or Blue Front facing **LEDs**
- Fanless for Silent Operations
- Standard 19" Rack-Mount
- Three Year Limited Warranty

#### LUX AMS2616P

26PT/16PT PoE+ Gigabit Switch w/Rear Facing

#### LUX AMS4424P

L3 Switch

## AV Series 26 Port Gigabit Stackable PoE + L2/

#### **LUX XAP310**

Wireless 300N Low Profile Access Point

#### **LUX XMS1010P**

10 Port/8 PoE+Gigabit Managed Switch

#### LUX XMS2624P

26 Port/24 PoE+ Gigabit Manage Switch

#### LUX XPE2500

PoE Injector

#### LUX XSF1816P

18 Port/16PoE+/2 Gigabit Uplink Switch

#### **LUX XVSF5**

5-Port 10/100 Mbps Fast Ethernet Switch

#### LUX XVWP30

#### Wireless Range Extender/Bridge

Luxul's XVW-P30 Wireless 300N Range Extender/Bridge offers a simple option for extending the reach of your network wirelessly. It can be used either as a bridge link for directly connecting Ethernet devices to your network or as a range extender for providing Wi-Fi coverage to those hard to reach dead spots.

#### **LUX XWC1000**

#### **Wireless Controller**

- Seamlessly Roam Between Multiple **Access Points**
- · Simply Configure up to 16 Luxul Access **Points**
- Create a Secure Guest Network with **Broad Coverage**
- Cost-Effectively Deliver Centralized WLAN Configuration and Control

#### **LUX XWS1310**

**300N Wireless Controller Kit** 



#### SMX 065-1100

10/100BaseT/TX to 100BaseFX Media Converter ST Multimode, 2 km Span

#### SMX 065-1110

10/100BaseT/TX to 100BaseFX Media Converter SC Multimode, 2 km Span

#### SMX 065-7012G

8-Port 10/100/1000 Compact Unmanaged Switch

#### SMX 065-7305GPOEP

5-Port 10/100/1000BaseT/TX PoE/PoE+ Switch with 4 PoE/PoE+ Ports.

SMX 065-7309POEP 9-Port 10/100BaseT/TX PoE+ Switch with 8 PoE/PoE+ Ports plus 1 Gigabit Dual Media

#### SMX 065-7331GPOEP

18-Port 10/100/1000BaseT/TX PoE+ Switch with 16 PoE/PoE+ Ports plus 2 Gigabit SFP **Ports** 

#### SMX 065-7308POE-FP

8-Port 10/100BaseT/TX Full-Power PoE Switch with 8 PoE Ports

#### **SMX 065-7861POE**

26-Port 10/100/1000 Stackable PoE/PoE+ Managed Switch with 4 SFP Dual Media Ports + 2 SFP Ports; 185 watts PoE power.

#### SMX 065-7861POE-FP

26-Port 10/100/1000 Stackable PoE/PoE+ Managed Switch with 4 SFP DualMedia Ports + 2 SFP Ports; 370 watts PoE power.

#### SMX 065-POEINJ-GA

1-Port 10/100/1000 PoE/PoE+ Power Injector

#### SMX 12458M-C5E

12-Port Category 5e Mini Panel w/89D Bracket, T568A/B Wiring

#### SMX 24458MD-C5E

24-Port Category 5e Patch Panel, T568A/B Wiring, 1.75"-High

#### SMX 24458MD-C6C

24-Port Category 6+ Patch Panel, T568A/B Wiring

#### SMX 24U-HDMMP

24 Port Hi-Density Uploaded Multi-Media Panel 1.75"H

#### SMX 48458MD-C5E

48-Port Category 5e Patch Panel, T568A/B Wiring, 3.50"-High

#### SMX 48458MD-C6C

48-Port Category 6+ Patch Panel, T568A/B Wiring

#### SMX 48U-HDMMP

48 Port Hi-Density Unloaded Multi-Media Panel 3.5"H

#### SMX CMP-175-A

Panel with (5) 1.75" x 3" Horizontal Distribution Rings, 1 RMS

#### SMX FPC-LC05

LC, 50-μm MM (OM2), for 250- and 900-μm buffered fibers, 2- and 3-mm jacketed cables, black

#### SMX FPC-ST05

ST, 50-μm MM (OM2), for 250- and 900-μm buffered fibers, black

#### **SMX HWB-175**

1-RMS Hinged Wall Mount Bracket, 1.75"H x 6"D

#### **SMX HWB-350**

2-RMS Hinged Wall Mount Bracket, 3.50"H x 6"D

#### **SMX HWB-700**

4-RMS Hinged Wall Mount Bracket, 7.00"H x 6"Dw

## TRENDNET

#### Switches

#### **TNT TE100S50G**

#### 5-Port 10/100 GREENnet Switch (Metal)

- GREENnet technology reduces power consumption by up to 40%\*
- 5 x 10/100Mbps Auto-Negotiation RJ-45 ports
- Build an energy efficient network in minutes
- · Plug and Play this sturdy metal switch

## TRENDIET



# TRENDIET













#### TNT TE100S5

#### 5-Port 10/100Mbps Fast Ethernet Switch (Version v1.3R)

- · Build a reliable Fast Ethernet network in minutes
- Easy Plug and Play installation
- Auto-Negotiation optimizes networking speeds for all 5 ports
- 5 x 10/100Mbps Auto-Negotiation, Auto-MDIX Fast Ethernet RJ-45 ports
- Compliant with Windows, Linux, and Mac
- Operating Systems.
- Store-and-Forward Switching method

#### **TNT TE100S8**

8-port 10/100Mbps Switch

#### **TNT TE100S80G**

#### 8-Port 10/100Mbps GREENnet Switch

- 8 x 10/100Mbps Auto-Negotiation, Auto-MDIX **Ethernet Ports**
- 1.6Gbps switching fabric
- Store-and-Forward switching architecture with non-blocking wire-speed performance
- Compliant with Windows, Linux, and Mac **Operating Systems**
- Sturdy metal housing
- Diagnostic LEDs

#### TNT TEG160WS

#### 16-port Gigabit Web Smart Switch w/ 2 Shared Mini-GBIC Slots (Version C2.0R)

- Provides SNMP (v1), IEEE 802.1X and STP
- 32 Gbps switching capacity
- 16 x Gigabit Auto-MDIX ports
- · 2 x shared mini-GBIC slots
- Supports IEEE 802.1Q VLAN, Asymmetric VLAN, QoS, IGMP, Trunking and Mirroring

#### TNT TEGS16G

#### 16-Port Gigabit GREENnet Switch (Version v1.0R)

- GREENnet technology consumption by up to 70%
- 16 x Gigabit Auto-MDIX RJ-45 ports
- Sturdy rackmount metal switch with Built-in power supply
- 32Gbps forwarding capacity

#### **TNT TEGS24G**

#### 24-Port Gigabit GREENnet Switch (Version v1.0R)

- GREENnet technology consumption by up to 70%
- 24 x Gigabit Auto-MDIX RJ-45 ports
- Sturdy metal rackmount switch with Built-in power supply
- 48Gbps forwarding capacity

#### TNT TEGS50G

#### 5-Port Gigabit GREENnet Switch (Version v3.0R)

- GREENnet technology reduces power consumption by up to 70%
- 5 x Gigabit Auto-Negotiation ports
- Build a high performance energy efficient Gigabit network in minutes
- Sturdy metal switch with a simple Plug and Play installation

#### TNT TEGS80G

#### 8-Port Gigabit GREENnet Switch (Metal)

- GREENnet technology power consumption by up to 70%
- 8 x Gigabit Auto-Negotiation ports
- Build a high performance energy efficient Gigabit network in minutes

#### TNT TPE1620WS

#### 16-Port Gigabit Web Smart PoE+ Switch

- 16 x PoE+ Gigabit ports
- · 2 Shared SFP slots
- · Up to 30 W per port with a 185 W total power
- · 32 Gbps switching capacity
- Rack mountable

#### **TNT TPE224WS**

#### 24-Port 10/100Mbps Web Smart PoE Switch with 4 Gigabit Ports and 2 Mini-GBIC Slots (Version

- · Reduces equipment cost by delivering data and power over existing network cables
- 24 x PoE 10/100Mbps ports, 4 x Gigabit Auto-MDIX ports and 2 x shared Mini-GBIC slots
- 12.8Gbps switching capacity with SNMP v1, 802.1X and STP support
- Features 802.1Q VLAN, Asymmetric VLAN, QoS, IGMP, Trunking and Mirroring

#### **TNT TPET160H**

#### 16-Port 10/100 Mbps PoE+ Switch

- 16 x 10/100 Mbps PoE+ ports
- Up to 30 Watts per port with a 250 Watt total power budget
- 3.2 Gbps switching capacity
- · Rack mount kit included

#### **TNT TPES44**

#### 8-Port (4 10/100, 4 PoE) PoE Switch

- · Reduces equipment cost by delivering data and power over existing network cables
- 4 PoE and 4 standard 10/100Mbps ports
- · Flow Control for Full-Duplex mode

#### TNT TPET80H

#### 8-Port 10/100 Mbps PoE+ Switch

- 8 x 10/100 Mbps PoE+ ports
- Up to 30 Watts per port with a 125 W total power budget
- 1.6 Gbps switching capacity
- Rack mount kit included
- Use with TRENDnet's PoE Splitter to network and power non-PoE devices

#### **TNT TPETG81G**

#### 8-Port Gigabit GREENnet PoE+ Switch (Version v1.xR)

- 8 x Gigabit PoE+ ports (up to 30 watts per PoE+ port)
- Internal power supply
- Up to 30 W per port with 105 W total power budget
- Reduces equipment cost by delivering data and power over existing network cables
- 16 Gbps switching capacity
- Sturdy rack mountable metal case
- Up to 75% GREENnet power savings

## Wireless Routers and Access Points

#### **TNT TEW653AP**

#### **N300 Wireless PoE Access Point**

- Features Access Point, WDS, and Repeater
- · No need to install the device near a power source using PoE technology
- Assign individual VLANs for up to four separate
- Advanced encryption, WMM® QoS and SNMP support
- High-speed data rates up to 300Mbps using 802.11n connection

#### **TNT TEW731BR**

#### **N300 Wireless Home Router**

- High performance 300Mbps wireless N router
- · Stream video, download files, talk online and play games wirelessly
- Connect computers with one-touch Wi-Fi Protected Setup (WPS)
- Up to 50% energy savings with GREENnet technology

#### TNT TEW733GR

#### **N300 Wireless Gigabit Router**

- Proven 300 Mbps Wireless N
- Pre-encrypted for your security
- · Create an isolated guest network
- One touch network connection with the WPS button
- All Gigabit wired ports

#### Energy savings GREENnet technology

#### **TNT TEW735AP**

N300 High Power PoE Access Point

#### **TNT TEW738APBO**

#### 10 dBi Outdoor PoE Access Point

- Wireless N300 building-to-building networking (2.4 GHz)
- Supports Access Point (AP), Wireless Distribution System (WDS), Repeater, and CPE + AP modes
- IP67 rated aluminum housing
- Built-in 10 dBi directional sector antenna

#### **TNT TEW812DRU**

#### **AC1750 Dual Band Wireless Router**

- 1750 Mbps total wireless: 1300 Mbps AC + 450 Mbps N bands
- Share music and videos with the USB share port
- Create an isolated guest network
- One touch network connection with the WPS button
- All Gigabit wired ports
- High power amplifiers extend wireless coverage

#### TNT TK407K

4-port USB KVM Switch Kit (Include 4 x KVM Cables)

#### TNT TPL406E2K

500 AV Compact Powerline Ethernet Adapter kit



#### NEW VIG VI3026

#### High power, High bandwidth network switch designed for IP security applications

- Provides 26GB Ethernet ports, with 24 PoE ports and 6 Fiber ports
- 24 ports provide full 802.3af power at 15.4 watts and 12 ports at 802.3at at 30
- · High bandwidth 52 Gbytes for handling largest Megapixel cameras
- port monitoring Automatic and unattended reconnection to avoid service calls

#### **VIG VI3010**

#### MaxiiNet 10-port Gigabit Ethernet L2 Plus **Managed PoE Switch**

- All 10 Ethernet ports are 1Gbps 8 PoE and 2 SFP ports
- 8 ports at 802.3af PoE and up to 6-ports at 802.3at (30W)
- SNMP for communicating error messaging to local computers
- Automatic IP and PoE connection and reconnection
- Automatic MAC identification for all connected devices
- Individual IP Source Guard for protecting
- Supports Jumbo Frames up to 9600 bytes
- High Bandwidth 20Gbyte switching fabric
- Virtual Network Switch Stacking
- Lifetime Warranty



#### **VGX IP1STD**

#### iPulse Automatic Network Reboot Device Features:

- Universal
- · Compact and easy to use, and simple to
- Connects directly to any modem or device
- · No dedicated power source needed
- · Instantly detects failed transmission and reboots the device
- Benefits:
- · Prevents disturbing a covert deployment
  - Eliminates the need for human
  - Flexible and proven in many government applications

#### **VGX IPSW1**

#### uSwitch Browser Based Remote Switch Controller

Whether you are right next door or halfway across the world, YOU have control over any device on a network through any web browser.

#### Features and Benefits:

- programming required! Control uSwitch using a standard web browser, or
- Automatically reboots any modem or networking device that locks up without and human intervention or any additional software
- Control uSwitch via the Internet or a local intranet.
- Up to 15Amp and 2 relays up to 220V
- · Removable terminal connectors for simple wiring (included)
- Coupled with an iPulse, you'll have the most reliable, fault tolerant solution available in the market.
- Can be controlled from iPhone®, iPad®, Android™, Laptop or any web enabled



#### IFS PoE Switches

The new line of IFS network switches provides enterprise-class features and is engineered with high bandwidth, isolated PoE ports, integrated SFP fiber ports and browserbased Web Services that deliver powerful performance that's easy to use.

#### **ILX DSSG244POE**

24-Port 10/100/1000+4 GigE SFP PoE Stackable Managed Switch

#### **ILX DSH82POE**

#### 8-Port 10/100+2 GigE TP/SFP Industrial Full PoE Managed Switch

- For 24VAC/12VDC fixed cameras (based on power supply selection)
- Use only with HubWayH16 Passive UTP Transceiver Hub
- Lifetime Warranty
- For 24VAC/12VDC fixed cameras (based on power supply selection)
- Use only with HubWayH16 Passive UTP Transceiver Hub
- · Lifetime Warranty

#### ILX NS20514P/1T

#### 5-Port PoE Unmanaged Industrial Ethernet Switch

The IFS® 5-port PoE Unmanaged Industrial Ethernet Switch provides four 10/100Mbps Ethernet ports with IEEE802.3-af PoE and one 10/100Mbps non-PoE Ethernet port.

#### ILX NS2503-8P/2C

#### 8-Port Fast Ethernet Layer 2 Managed **Switches**

For fast and efficient connectivity from the network edge to a backbone switch or server, the IFS® 8-port Fast Ethernet Managed Switch Series features eight 10/100Mbps Fast Ethernet ports with 2 Gigabit TP/SFP combo ports. The 2 Gigabit TP/SFP combo ports can support either 10/100/1000Mbps (RJ45) or (1000Base-SX/LX/BX) through an SFP (Small Form-factor Pluggable) GBIC interface. This series is also available with PoE and PoE+ capabilities.

#### ILX PS48VDC100DIN

#### **48VDC DIN-Rail Industrial Power Supplies**

- 5VDC, 12VDC or 24VAC
- 48VDC and 56VDC for PoE Devices
- Wall-mount
- Desktop (in-line brick)
- **DIN-Rail Mount**
- For Use w/IFS Transmission Fiber Modules, Network Switches and Media Converters
- Commercial or Industrial-grade
- Models for Meeting World-wide Power Requirements
- **UL** Approved
- CSA Approved
- Level IV and V International Efficiency Compliant
- Two-year Warranty

















#### Mini-GBIC SFP Transceivers

#### Small Form-factor Pluggable Transceiver Modules

- Design: Plug-and-play capability for easy installation
- Hot-swappable
- Low power dissipation
- Optical Performance: Available in widetemperature versions for harsh industrial applications
- Data rates of 100Mbps or 1.25Gbps
- Single mode or multi-mode fiber
- 1 or 2 fiber configurations
- RJ-45 1.25Gbps SFP available
- Standards Compliance: Mini-GBIC Interface compliant
- Multi-source Agreement (MSA) compliant
- Class 1 laser safety standard IEC 60825
- · Warranty: 3-year warranty

#### ILX S202MLC2

SFP-Port Fast 2 Fiber Mini GBIC Module SM 1310nm - 20km

#### **ILX S302MLC**

SFP-Port Gigabit 2 Fiber Mini GBIC Module MM 850nm - 550m

#### ILX S302MLC2

SFP-Port Gigabit 2 Fiber Mini GBIC Module MM 1310nm - 2km

#### **ILX S302SLC10**

SFP-Port Gigabit 2 Fiber Mini GBIC Module SM 1310nm - 10km

## Network Equipment Racks/ Patch Panels/Cables/ Modular Plugs/ Tools/Testers



#### Loc-Jack System

QTI NLJ0045 Locjack RJ45 Security Key QTI NLJ5501 CAT5E Locjack Jack, Black QTI NLJ5502 CAT5E Locjack Jack, Blue QTI NLJ5508 CAT5E Lociack Jack, White QTI NLJ6501 CAT6 Locjack Jack, Black QTI NLJ6502 CAT6 Locjack Jack, Blue QTI NLJ6508 CAT6 Locjack Jack, White Rack Mountable Cat5e/6 Patch Panels

**QTI NPP5024** 24 Port Cat5E QTI NPP5012 12 Port Cat5E **QTI NPP5048** 48 Port Cat5E **QTI NPP6012** 12 Port Cat6 **QTI NPP6024** 24 Port Cat6

QTI WB190206H Hinged 19"Wall Mount Bracket

**QTI NMP8225** Cat5e modular plug **QTI NMP8725** Cat6 modular plug

#### Cat5e Patch Cables

**QTI NPC1201** 1' Blue **QTI NPC1203** 3' Blue **QTI NPC1907** 7' Gray **QTI NPC1610** 10' Green **QTI NPC1825** 25' White

## Rack Mount Surge Protectors/Power Strips

#### **OTI HPSE12P**

#### **Horizontal Rack Mount Power Strip**

- 12 Outlets
- Includes: 6' AC power cord with NEMA 5-15P

#### **QTI HPSE10A**

#### **Horizontal Rack Mount Power Strip**

- Includes: 6' AC power cord with NEMA 5-15P

#### WM1000 Series wall mount enclosure racks The features of the 100 Series WM1019 Locking Wall mount enclosures are:

- Ships Fully Assembled and is UPS Shippable
- 19" Mounting Format with 11" 22" External Heights
- Vented Side Panels and Front Door
  - Complete with One Pre-Installed 80cfm Fan
- Constructed of 22AWG Cold Rolled Steel
- Available in Black or Ivory Electrostatic Microfinsh
- · Mounting Hardware Included
- Meets or Exceeds EIA-310D Standards

QTI WM1019-05-02 5RU OTI WM1019-07-02 7RU QTI WM1019-09-02 9RU



#### Slimline CAT6 Patch Cables

#### **VAN SCAT61BK**

1' Superslim CAT6 Patch Cable, Black

#### **VAN SCAT61BU**

1' Superslim CAT6 Patch Cable, Blue

#### **VAN SCAT61GY**

1' Superslim CAT6 Patch Cable, Gray

#### **VAN SCAT61WH**

1' Superslim CAT6 Patch Cable, White

#### VAN SCAT63BK

3' Superslim CAT6 Patch Cable, Black

#### **VAN SCAT63BU**

3' Superslim CAT6 Patch Cable, Blue

#### **VAN SCAT63GY**

3' Superslim CAT6 Patch Cable, Gray

**VAN SCAT63WH** 

3' Superslim CAT6 Patch Cable, White

#### **VAN SCAT67BK**

7' Superslim CAT6 Patch Cable, Black

#### VAN SCAT67BU

7' Superslim CAT6 Patch Cable, Blue

VAN SCAT67GY
7' Superslim CAT6 Patch Cable, Gray
VAN SCAT67WH

7' Superslim CAT6 Patch Cable, White

#### Category 5e Patch Panels

#### VAN 820524

#### 24 Port Cat5e Patch Panel, 1U

- Meets Category 5e Standards
- Meets EIA/TIA 568B.1
- IDC Compatible for 110 and Krone tools
- Color-coded labels for T568A and T568B Universal Wiring
- 50 Microns Gold Plating
- ETL Listed

VAN 820548 48 Port Cat5e Patch Panel, 2U

VAN 820582 12 Port Cat5e Patch Panel, 1U

#### Category 6 Patch Panels

- Meets Category 6 Standards
- Meets EIA/TIA 568B.2
- IDC Compatible for 110 and Krone tools
- Color-coded labels for T568A and T568B Universal Wiring
- 50 Microns Gold Plating
- ETL Listed

VAN 820662 12 Port Cat6 Patch Panel, 1U

VAN 820664 24 Port Cat6 Patch Panel, 1U

VAN 820668 48 Port Cat6 Patch Panel, 2U

#### **Brackets**

VAN 820587 1U Wall Mount Bracket 19"

VAN 820588 2U Wall Mount Bracket 19"

#### VAN 280444

#### S-VGA 1x4 Splitter with Audio

- Use to Duplicate and Amplify VGA and Audio Signals from a Single Source to Four Monitors or other Display Devices
- Enhances Video Signals for Long Distance Broadcast up to 164 ft (50m)
- Supports VGA, SVGA, XGA, SXGA, UXGA and Multi-Sync Compliant Monitors
- Supports Video Resolutions up to 1920x1200 at 60 Hz
- Supports 500 MHz Video Bandwidth for Each Port
- Supports Two Channel Stereo Audio, Bandwidth: 30 KHz
- (1) Input Connector: HD-DB15 (15 Pin)
   Female Jack and 3.5mm Female Jack, (4)
   Output Connectors: HD-DB15 (15 Pin)
   Female Jacks and 3.5mm Female Jacks
- Includes 6ft VGA Male/Female Cable
- Power Supply: 5VDC, UL Listed
- Dimensions: 6.5" W x 1.8" H x 3.6" D

# Equipment Accessories:

Racks and



#### DAM ATFK2L

2pk Low Noise Fan Kit 120VAC

#### DAM MRC084W-3

84" Vertical Cable Manager Cover 6" Wide

#### DAM MRD084W-3

84" Vertical Cable Manager Rack 6" Wide

#### **DAM PLAEC**

2pk End Caps For Ladder Style Cable Rack

#### **DAM PLB12RS-3**

12" Ladder to Rack Mounting Kit

#### **DAM PLBE00-3**

2pk Ladder Style Runway Butt Splice Bracket

#### DAM PLBJT-3

2pk Ladder Style Runway Junction Tee Bracket

#### **DAM PLBWA12-3**

Ladder Runway Wall Angle Bracket Support Kit

#### **DAM PLBWT12-3**

Ladder Runway Triangle Wall Support Bracket Kit

#### **DAM PLR1210-3**

1'x10' Ladder Cable Runway Black

#### **DAM R4A19084B-3MU**

84" Dual 19"Equipment Rack 45u-29" Depth-Black

#### **DAM RRA19084-3MU**

84" 2 Post 19" Equip. Rack 45u-Black

#### **DAM WLR24AKP1VVV3**

24" Wall Mount 12u Vented Rack-Plexi Door-Fully Assemble

#### **DAM WLR36AKP1VVV3**

36" Wall Mount 18u Vented Rack-Plexi Door-Fully Assemble

#### DAM WLR48AKP1VVV3

48" Wall Mount 26u Vented Rack-Plexi Door-Fully Assemble

#### **DAM WR24C-3**

24" Swing-Out Wall Rack 12u Black

#### **DAM WR36C-3**

36" Swing-Out Wall Mount 18u-Black

#### **DAM WR48C-3**

48" Swing-Out Wall Rack 24u-Black



#### Racks and Post Kits:

#### VMP ER

19" Head end Equipment Rack-71" High-40 rack spaces-EIA compliant-Black static resistant powder coat finish-includes 32 rack screws-400lbs capacity

#### **VMP ER14PKIT**

2 Post Expansion kit for ER1-converts ER1 from 2 post to 4 post rack-includes side stabilizing bars

#### **VMP ER184**

19" Head end Equipment Rack-84" High-45 rack spaces-EIA compliant-Black static resistant powder coat finish-includes 32 rack screws-400lbs capacity

#### VMP ER1844PKIT

2 Post Expansion kit for ER184-converts ER184 from 2 post to 4 post rack-includes side stabilizing bars

#### **VMP ER148**

19" Head end Equipment Rack-84" High-45 rack spaces-EIA compliant-Black static resistant powder coat finish-includes 32 rack screws-400lbs capacity

#### VMP ERWEN12E

#### 19" Hinged Wall Equipment Rack Enclosure, 12U Wall Mount (MUST SHIP VIA TRUCK)

 Adjustable front and rear rails, Vented top and bottom, Top and bottom cable routing knockouts, Reversible hinged tempered glass front door, Removable hinged back panel, Lockable, removable side panels (Locks not included), Welded steel construction, Ships assembled, Load capacity – 120lbs, Black powder coat finish

#### **VMP ERWEN15E**

## 19" Hinged Wall Equipment Rack Enclosure – 15 spaces

Adjustable front and rear rails, Vented top and bottom, Top and bottom cable routing knockouts, Reversible hinged tempered glass front door, Removable hinged back panel, Lockable, removable side panels (Locks not included), Welded steel construction Ships assembled, Load capacity – 120lbs, Black powder coat finish

#### VMP ERW24

19" Swing Gate Wall Rack-24" high-13 rack spaces- Black static resistant powder coat finish-innovative lift-off design for populated rack-swing open design-EIA Compliant-19" usable depth

#### **Rack Accessories:**

#### VMP ERS1

Economy Rack Shelf-2 space racking height (2.6")-17" usable width-12.5" shelf depth-40lbs capacity-power coat finish

#### **VMP ERS1UV**

#### 1U Vented Rack Shelf

- Fits components up to 17.375" wide
- One space rack height (1.75")
- Tray depth 14.75"
- Convenient tie down slots in rear of tray
- Includes 10-32 and 12-24 rack screws
  - Load capacity 50lbs
- Black static resistant powder coat finish

#### VMP ERS2U

Two Space Rack Shelf- up to 17.375" equipment width-14.75" depth-50lbs capacity-black static resistant powder coat finish

#### VMP ERS2UV

Vented version of the ERS2U

#### VMP ERSS1U

Sliding Keyboard shelf 1U



#### VMP ERLCD1017

LCD Monitor Rack Mount- for 10-17" LCD monitors-inverted up to 23" LCD Monitor-50lbs capacity-9 space racking height-accommodates VESA 75mm or 100mm

#### VMP ERCASTERS

4 pack of heavy duty casters that attach to ER1, ER148, and ER184 racks-400lbs capacity

#### Blank Filler Plates

VMP ER1B Single Space Filler Plate

VMP ER2B Two Space Filler Plate

VMP ER4B Four Space Filler Plate

VMP ER8B Eight Space Filler Plate



#### Indoor/Outdoor Enclosures with 19" Rack Mounts

Each enclosure is completely assembled and ready to use. Because of size and weight these enclosures must be drop shipped from Mier via truck.

#### **BW RACKFC**

NEMA3R Outdoor Enclosure with 12RU rack, fan, rain shroud, filters, and lock.

#### **BW RACKACHT**

NEMA4 Outdoor Environmental Enclosure with 12RU rack, 2000 BTU AC, heater, filters, and lock

#### **BW RACKCART**

NEMA1 Indoor Enclosure with 12RU rack, fan, louvers, lock, and wheels.

#### **BW 3RU**

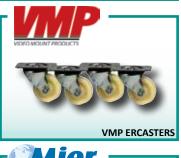
3RU rack mount open face shelf for enclosures above or any standard 19" rack



#### NEW PLA TNC950AR

Net Chaser™ Ethernet Speed Certifier & Network Tester

- Port Discovery
- Detects PoE per IEEE 802.3af/at with load test for voltage drop and which pairs the PoE is located on (class)
- IPV4 Support
- · Ping to a specific IP or URL address
- Ping up to 8 IP targets at a time
- · Link light to identify location on a hub/switch/ router port
- Verifies DHCP connectivity and DNS
- Discovers CDP and LLDP Protocols
- VLAN Discovery
- Traceroute
- Bit Error Rate Test (BERT), Signal to Noise Ratio (SNR), SKEW
- BERT only test 100Mbps & 1Gbps
- Measures and displays length for each pair in feet or meters
- Improperly terminated cables are clearly displayed on a color graphical wire-mapping display
- **Detects Length to Opens & Shorts**
- Verifies Continuity for RJ45, and Coax cables
- · Saves test results and easily uploaded to a computer
- **Tone Generation**
- ID Only remotes (Network and Coax) up to 20 available
- · Testing and ID Remotes up to 8 available













## **Network Test Equipment:**



#### **TRP 9625**

#### PoE Bug Power over Ethernet Detector

- Detects 802.3af, 802.3at Determines Mid & **End Span**
- Tests RJ45 Ethernet ports for the presence of DC power

#### TRP 3290

#### Firefly Kit - WireMaster Rapid LAN Mapping Tool

- Works with any wired RJ-45 installation
- Flashing green LED identifies cable
- Works with CAT5, CAT5e, CAT6, CAT6a, CAT6e, CAT7 (GG45), & CAT7a (GG45) installations
- · Includes short & continuity tester
- Magnetic back for easy mounting
- · Pays for itself on first use
- Patent Pending
- 3 year warranty

Due to space limitations, we are unable to list every product from every manufacturer which we carry in stock. If you can't find the

## 60



877-237-1187 800-548-0680 800-662-7250 800-729-1306 866-261-7659 866-362-7734 800-326-1882 800-779-2865 800-292-3169 800-475-4850 866-282-8722 844-326-0221 800-515-6886