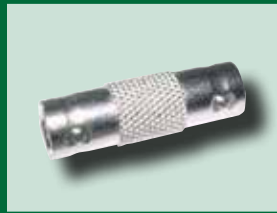


*Peace of mind is knowing you are recording the crime*



- **CCTV Cables & Accessories**
- **HD Over Coax Accessories**
- **IP / Network Accessories**
- **BNC Connectors & Tools**
- **CCTV Power Supplies & Adapters**
- **Weatherproof Enclosures**
- **NVR'S**
- **IP Cameras**
- **AHD DVR's & Cameras**
- **HD-TVI DVR's & Cameras**
- **HD Over Coax Solutions**
- **Analog Cameras**



# **Product Guide**

## **2015 • Issue #2**

# 3 - Megapixel PoE Network Video Recorders

**8, 16 or 32 CH NVR Standard with up to 16 CH PoE and real time live/playback at 3MP/1080P/720P/D1 resolutions.**

**Features:**

- Support 8 / 16 / 32 CH 3MP@30fps or 1080P@30fps or 960P@30fps or 720P@30fps IP input
- Intuitive and user-friendly Graphic User Interface ( GUI ), Windows style operation by mouse
- Multi-mode recording: manual / timer / motion / sensor
- Search: calendar / time, events ( sensor, motion )
- Express and flexible backup via USB or network
- Pentaplex: preview, record, playback, backup and remote access
- DHCP, DDNS, PPPoE network protocol and CMS supported
- Remote control via IE or CMS : preview, playback, backup, PTZ and configuration
- Dual streaming technology to encode recording stream and network stream separately
- User can adjust network stream to fit bandwidth without changing recording quality
- Multi-user online simultaneously
- HDMI 1080P output, true high resolution display
- Support PTZ preset and auto cruise, up to 128 presets and 8 cruises
- Powerful SmartPhone surveillance supporting iPhone, Andriod. Compatible with 3G
- Complete SDK software available, easy to integrate with other applications



**CPI-NVR8  
CPI-NVR16**



**IP**



**CPI-NVR32**

**CPI-NVR8  
8 CH  
3 MP@30FPS  
8CH POE  
Holds 2HDD**

**CPI-NVR16  
16 CH  
3 MP@30FPS  
8CH POE  
Holds 2HDD**

**CPI-NVR32  
32 CH  
3 MP@30FPS  
16CH POE  
Holds 8HDD**

# 3 - Megapixel IR IP Cameras

## IP-9432

### 3 Megapixel Water-Proof Fixed Lens IR IP Bullet Camera

- 3MP ( 2048 x 1536 ) Non-Real Time Coding
- Max. Resolution: 2048 x 1536
- ICR auto switch, True Day / Night
- 75~98ft IR Night View Distance
- Fixed 3.6 mm Lens
- 3D DNR, Digital WDR
- ROI Coding
- Support PoE power supply or 12VDC
- Support SmartPhone, iPad, remote monitoring
- Support P2P



## IP-9433

### 3 Megapixel Water-Proof Varifocal IR IP Bullet Camera

- 3MP ( 2048 × 1536 ) Non-Real Time Coding
- Max resolution: 2048 x 1536
- ICR auto switch, True Day / Night
- 120 ft IR night view distance
- 2.8-12 mm Varifocal Lens
- 3D DNR, Digital WDR
- ROI coding
- Support PoE power supply or 12VDC
- Support SmartPhone, iPad, remote monitoring
- Support P2P



## IP-9531

### 3 Megapixel Water-Proof Varifocal Fixed Lens IR IP Dome Camera

- 3MP ( 2048 x 1536 ) Non-Real Time Coding
- Max. resolution: 2048 x 1536
- ICR auto switch, True Day / Night
- 65ft IR night view distance
- Fixed 3.6 mm Lens
- 3D DNR, digital WDR
- ROI coding
- Support PoE power supply
- Support SmartPhone, iPad, remote monitoring
- Support P2P
- IP66 & IK10 ingress protection



## IP-9533

### 3 Megapixel Water-Proof Varifocal IR IP Dome Camera

- 3MP ( 2048 × 1536 ) non-real time coding
- Max resolution: 2048 x 1536
- ICR auto switch, true day / night
- IR night view distance 90 ft
- 2.8-12 mm Varifocal Lens
- 3D DNR, digital WDR
- ROI coding
- Support PoE power supply
- Support SmartPhone, iPad, remote monitoring
- Support P2P
- IP66 & IK10 ingress protection



# •••• HIGH DEFINITION OVER COAX | AHD ••••

## WHAT IS AHD (ANALOG HIGH DEFINITION)? AN ANALOG HD SOLUTION

AHD is a newly developed solution for transmitting full HD digital video in a surveillance system. AHD offers a compelling alternative to traditional analog & IP surveillance options. AHD video security solutions deliver megapixel resolution video over coaxial cabling (HD over COAX), and are far less complex to install and operate compared to IP.

AHD was created to solve the transmission distance limitations of existing HD solutions. AHD supports video transmission over traditional coaxial cable up to 500 meters. AHD inherits and carries forward advantages of the traditional analog solution where video signals are uncompressed and they keep all the original video details to truly achieve high definition uncompressed videos & images.

## AHD FEATURES

- High resolution: Advanced bright color separation and signal processing technology with ultra low illumination, achieving high definition picture quality.
- Long transmission distance: Compatible with the traditional analog system. Transmission distance is up to 500 meters.
- Zero delay: Camera signal is without encoding compression, and can be delivered to DVR directly, without any delay or signal loss.
- Best cost-performance: AHD camera price is less than that of traditional analog cameras, but the image quality is better than 720P IP cameras.
- Capability: AHD is a third party solution. Our AHD products are compatible with all the AHD products in the market.

## CUTTING EDGE NEW TECHNOLOGY!

### A-HD DVR SYSTEMS AUTO DETECT ANALOG (D1/960H) & A-HD



- 4 / 8 / 16 CH A-HD video input: 720P / 960H / D1
- Video Output: HDMI & VGA
- Multi-User Access (10 users)
- Multiple Search Features
- USB 2.0 X 2
- Dual Stream for fast remote Viewing
- 1 CH Audio
- HDD X 1 (Max 4 TB)
- SmartPhone Compatible



## 4 , 8 , & 16 CHANNEL A-HD 720P HD STAND ALONE DVR'S



SUPPORTS MULTIPLE EVENT RECORDING (MOTION, SCHEDULE, ALARM)  
MAC, PC, ANDROID, IOS AND INTERNET BROWSER SUPPORT  
SUPPORTS 1000+ FEET OF CABLE RUN (UTP BALUN CAPABLE)\*\*\*

### AHD-1004 (4 CH)

- 4 CH 720p Real-Time Recording
- VGA / HDMI Output
- 1 CH Audio-in & output

### AHD-1008 (8CH)

- 8 CH 720p Real-Time Recording
- VGA / HDMI Output
- 1 CH Audio-in & output

### AHD-1016 (16CH)

- 16 CH 720p Real-Time Recording
- VGA / HDMI Output
- 1 CH Audio-in & output

•••• **AHD CAMERAS** ••••

**HD OVER COAX WITH NEW AHD TECHNOLOGY**  
**SUPPORTS 1000+ FEET OF CABLE RUN (UTP BALUN CAPABLE: VB-11 \*SEE PAGE: 11)**

**AHD-281**  
**AHD Outdoor IR Bullet Camera**

- HD over Coax with New AHD Technology
- 1/3" SONY CMOS Image Sensor
- 1.3 Megapixel
- True Day & Night
- 3.6 mm Fixed MegaPixel Lens
- 36 pcs LED: 75 FT Range
- IP67
- 12V DC Power



**AHD-CD3N(W)**  
**AHD Outdoor Varifocal IR Ball Camera**

- HD over Coax with New AHD Technology
- 1/3" SONY CMOS Image Sensor
- 1.3 Megapixel
- True Day & Night
- 2.8-12 mm VariFocal MegaPixel Lens
- 36 pcs LED: 75 FT Range
- 12V DC Power



**AHD-AD4**  
**HI-POWER IR Vandal Dome**  
**"With New Shield (Anti-Reflection Glass) Technology"**

- HD over Coax with New AHD Technology
- 1/3" SONY CMOS Image Sensor
- 1.3 Megapixel
- True Day & Night
- 2.8-12 mm VariFocal MegaPixel Lens
- 0 Lux at IR On (HI-Power IR LED X 4 pcs)
- WATERPROOF (IP68)
- 12VDC/24VAC



Optional Wall Bracket:  
**DWB-2**



**AHD-296(W)**  
**AHD Outdoor Long Range Varifocal IR Bullet Camera**

- HD over Coax with New AHD Technology
- 1/3" SONY CMOS Image Sensor
- 1.3 Megapixel
- True Day & Night
- 2.8-12 mm VariFocal MegaPixel Lens
- 42 pcs LED: 125 FT Range
- 12V DC Power



**AHD-296(B)**

**COMING SOON!**  
**1 CAMERA:**  
**4 CHOICES**  
**(AHD, HD-TVI, HD-CVI, OR CVBS)**

**4-in-1 HD Cameras**

The diagram shows a person's head with four lightbulbs hanging from it, labeled AHD, TVI, CVI, and CVBS. A question mark is above the head, and an arrow points to the lightbulbs with the text "Which one?". To the right, a "NEW" starburst is above a dome camera. Further right, a red arrow points to a camera with the text "that one!". Below this is a circular graphic divided into four colored segments: blue (AHD), red (TVI), yellow (CVBS), and purple (CVI). In the center of the circle is a white circle with "OSD" and a camera icon.

## MA-01/IR

**Ultra Hi-Res Outdoor Mini IR Array LED Dome Camera with 1000 TV Lines Resolution**

- 1/3" 1.3 Mega Pixel Sensor
- High Resolution 1000 TV Lines
- IC-R Cut Filter For Clearer Night Vision
- 0 Lux (IR On)
- 3.6 mm Lens • Max. IR Range: 50 FT • IP66 • 12 VDC



## ECB-700

**Hi-RES Economic Outdoor IR Ball Camera w 24 LED's**

- Color 1/3" CMOS 700 TV Lines
- 3.6 mm Lens
- 24 pcs IR LED's with 50 FT Range
- ICR Filter for Clearer Night Vision
- 12VDC
- Available in black or white body



## BC-1000IR & BC-1000IR/W

**Ultra Hi-Res Outdoor IR Ball Camera with 1000 TV Lines Resolution 24 LED's**

*Yes, it's a 1000 TV Line IR Ball Camera which will bring an HD Image to your analog camera. And it will be more stable than IP*

- 1/3" 1.3 Mega Pixel Sensor
- 1000 TV Lines
- 3.6 mm Fixed Lens
- 24 pcs IR LED's - 50 Feet IR Range
- IC-R Cut Filter For Clearer Night Vision
- 12VDC
- Available Light Grey Metal Case or White
- User Friendly New Upgraded Patent Designed Housing, No Need to Take Apart When Installing



## VC-1001IR & VC-1001IR/W

**Ultra Hi-Res Outdoor IR Ball Camera with 1000 TV Lines Resolution & 36 LED's**

- 1/3" 1.3 Mega Pixel Sensor
- 1000 TV Lines
- 2.8-12 mm Externally Controlled Lens
- 36 pcs IR LED's - 75 Feet IR Range
- IC-R Cut Filter For Clearer Night Vision
- 12VDC
- Available in Light Grey Metal Case or White
- User Friendly New Upgraded Patent Designed Housing, No Need to Take Apart When Installing



## DBC-960H

**Deluxe Vandalproof/Weatherproof**

**Varifocal Infrared Ball Camera**

**DBC-960H/B (BLACK CASE) • DBC-960H/W (WHITE CASE)**

- 1/3" Color SONY Super HAD EX-VIEW CCD Sensor (960H)
- Razor Sharp High Resolution: 700 TV Lines
- 35 IR Led's enable viewing in total darkness up to 75 FT
- 0 Lux at IR on
- 2.8-12 EXTERNAL adjustable Vari-focal lens
- Day & Night / 3DDNR (3D Digital Noise Reduction) & Smart IR
- Weatherproof Housing • Compact & Light Weight
- Vandal-resistant: Polycarbonate Cover & Metal Body • DC 12V



## SCP-182 & SCP-182(BLK)

**Premium Ultra High Resolution Indoor Dome Camera**

- 1/3" Sony High Resolution Super HAD II High Sensitivity Color CCD (960H)
- High Resolution: 700 TV Lines Resolution (Color), 800 TV Lines (B/W)
- 3.5-12 mm Vari-focal Auto Iris Lens Installed
- Min. Illumination Color: 0.1 Lux
- Digital WDR
- OSD For User Convenience
- DUAL VOLTAGE: DC 12V / AC 24V
- Available in Black or White Body
- 3 Axis Mounting Feature
- Mount Camera on Ceiling or Wall



## SCP-115IR

**Premium Ultra Hi Resolution (960H) Indoor Varifocal**

**True Day/Night IR Dome Camera**

- SONY 1/3" SUPER HAD EX-VIEW CCD (960H)
- High Resolution: 700 TVL
- 0 LUX with SMART IR-LED Technology x 35 pcs
- Varifocal Auto Iris Lens: 2.8-12 mm
- True Day & Night for clear image 24 hours
- DNR for saving storage
- Digital WDR (Wide Dynamic Range)
- OSD (for user convenience)
- Dual Voltage: DC12V / AC24V
- White Base



## SCP-534

**Premium Ultra High Resolution Varifocal Indoor WDR Dome Camera**

- 1/2.9 inch SONY CMOS
- High Resolution 1000 TVL
- High Sensitivity (Sens up x 60)
- 1 Lux at F1.2 / 0.1 Lux (B/W)
- OSD Controlled
- WDR (Wide Dynamic Range)
- DNR (Digital Noise Reduction)
- True Day & Night (ICR) / SMART IR
- Easy Installation / 3Axis
- DC Auto IRIS & TDN V/F Lens 2.8-12mm
- Dual Voltage 12VDC/24VAC



## CPI-70DN

**ULTRA HI RES Vandal-Proof Dome Camera with Vari-focal Lens**

- 1/3" Color SONY Super HAD EX-VIEW CCD Sensor (960H)
- Razor Sharp High Resolution: 700 TV Lines
- True Day/Night Function (ICR)
- 0.1 LUX at F1.2 (Color) / 0.0001 LUX (Sense-Up X 256)
- 2.8-12 mm TDN Auto-Iris Lens
- OSD Menu Control (D-WDR, 3D DNR)
- 12 VDC/24VAC
- Tough Upgraded Waterproof Housing (IP68)
- 3-AXIS Mount



**Can Yours Survive? 100% IP68 Waterproof Housing**



**DWB-2  
Dome Bracket for  
CPI-70DN and  
IR44VFA**

## IR-44VFA

**HI-POWER IR Vandal Dome**

**"With New Shield (Anti-Reflection Glass) Technology"**

- 1/3" Sony Super Had Ex-View CCD (960H)
- High Resolution / High Sensitivity 700TVL
- 0 Lux at IR On (IR LED 04 pcs)
- 2.8-12 mm DC AI Lens
- WATERPROOF (IP68) / True Day & Night (ICR)
- D-WDR (Digital Wide Dynamic Range) / F-DNR
- SMART 3DDNR (3D Digital Noise Reduction)
- 12VDC/24VAC
- Optional Wall Bracket: DWB-2



## IR-653

**Ultra Hi-Res Outdoor Long Range IR Array Bullet Camera with 1000 TV Lines Resolution**

- 1/3" 1.3 Mega Pixel Sensor
- High Resolution 1000 TV Lines
- IC-R Cut Filter For Clearer Night Vision
- 0 Lux (IR On)
- 0.1Lux @ F1.2
- AGC, ATW, BLC • 4 mm Lens
- Max. IR Range: 150 feet
- IP66 • 12 VDC
- Only 8" Long x 3.5" Wide!
- Includes Bracket



*Yes, it's a 1000 TV Line  
IR Array Bullet which will  
bring an HD Image to your  
analog camera. It will be  
more stable than IP.*

## PIR-8

**Ultra HI RES Color Non-Working PIR Motion Detector Camera**

- 1/3" Color SONY SUPER HAD II CCD Sensor
- 650 TV Lines
- 0.1 LUX @ F1.2 (Color) / 0.01 (B/W)
- Day & Night Function, High Sensitivity
- Built-In Pinhole Lens 3.7 mm • DC 12V



## INT-10VFA(N)

**HI-DIGITAL DAY/NIGHT WEATHERPROOF BULLET CAMERA**

**WATCH! In Extreme Low Light Without IR LED's**

- 1/3" Sony Super HAD CCD (960H)
- 700 TV Lines
- 0.00001 LUX (Sens-Up X 512)
- 2.8mm-12mm DC Auto Iris Varifocal Lens w
- Externally Controlled Rings for Easy Focus & Distance Adjustment
- OSD (On Screen Display) Control Function
- Cable concealed thru bracket
- Dual Power (AC24/DC12V)



## EIR-290 (N)

**Hi-RES Economic Outdoor IR Bullet Camera w 24 LED's**

- Color 1/3" CMOS 700 TV Lines
- 3.6 mm Lens
- 24 pcs IR LED's with 50 FT Range
- ICR Filter for Clearer Night Vision
- 12VDC



## BC-21

**HI-RES Outdoor Super Wide Angle Bullet Camera**

- 1/3" SONY Super HAD CCD II Sensor
- 650 TV Lines Resolution
- 2.2 mm Lens, FIELD OF VIEW 156 Degrees
- Day & Night Function / High Sensitivity
- 0.1Lux at F1.2 (color) / 0.01 (B/W)
- Weatherproof (IP66)
- Compact & Light Weight
- BLACK Case
- Mount Included
- 12VDC



## CB-4

**High Resolution Day/Night Vari-focal Color Bullet Camera**

- 1/3" Sony Super Had CCD II Sensor
- 650 TV Lines - High Sensitivity
- Day/Night Function
- 4-9 mm Manual Varifocal Lens Installed
- 0.1 Lux F1.2 (COLOR) / 0.01 LUX (B/W)
- DC 12V
- Weatherproof Black White Case
- Removable Sun Visor
- Mounting Bracket Included



## SD-2HR

**HI RES Sideview SMOKE DETECTOR with 3.7 mm LENS**

- 1/3" Sony Ex-view HAD II CCD
- 650TVL (color), 700TVL (black and white)
- 0.01 lux • F1.2 • 3.7mm lens • 12VDC



# ● ● ● ● CAMERAS ● ● ● ●

## IR-1000VF & IR-1000VF/W

Ultra Hi-Res Outdoor IR Bullet Camera with 1000 TV Lines Resolution & 42 LED's

- 1/3" 1.3 Mega Pixel Sensor
- 1000 TV Lines
- 2.8-12 mm Externally Controlled Lens
- 42 pcs IR LED's
- 125 Feet IR Range
- 12VDC
- Available in Light Grey Metal Case or White
- 3 Axis Feed Thru Bracket



New upgraded Patent Designed Housing

*Yes, it's a 1000 TV Line IR Bullet which will bring an HD Image to your analog camera. And it will be more stable than IP.*

## SIR-B60

Long Range Vari-focal "Smart IR" w Easy Zoom & Focus

- 700 TV Lines
- 2.8-12 mm DC Auto-Iris Lens (External Adjustment Rings)
- 56 LED's with Smart-IR Function (S-IR): Visual Range 30M (about 100 FT)
- Vari-focal Day & Night IR Bullet Camera
- 1/3" Ultra HI-RES SONY SUPER HAD Sensor
- 3 AXIS Cable Concealed In the Mount Bracket
- Split Glass Technology Eliminates IR Reflection
- Weatherproof with Sun-Shield
- DC 12V/AC 24 DUAL VOLTAGE



## BDS-70IR

Hi Performance Ultimate 700 TV Line IP 68 Bullet Camera with 960H Technology • Unrivaled Video Quality - Clear Cut Images!

- 1/3" 960H SONY CCD SENSOR
- 700 TV Lines of Color Resolution
- 3D-DNR
- D-WDR
- Low Illumination
- Smart-IR, Sens-UP (Sens-Up is preprogrammed for BDS-25IR)
- Weather Resistant with IP68 Compliant Rating
- Anti-Moisture Glass & Circuitry Eliminates Fog or Condensation Under Any Weather Conditions



BDS-70IR has 70 LED's, True Day/Night Feature with ICR Cut Filter, 2.8-12 mm Externally Controlled AI Lens, full OSD Operation, is DUAL Voltage & has Cable Thru Bracket

## IR-160

Deluxe Series HI RES Long Distance Infrared Bullet Camera with 5-50 mm AI Lens

- 1/3" Sony Super HAD EX-VIEW CCD
- WDR (Long & Short Exposure)
- True Day & Night Function (ICR) / Smart 3DDNR
- 0 Lux at IR LED ON (LED X 155 pcs)
- Long Distance Infrared Camera for up to 300 FT
- External Focus & Zoom Controls, No Need to Open the Camera
- HI RESOLUTION 700 TV Lines - High Sensitivity (Sense Up X 256)
- Upgraded Waterproof Housing (IP68)
- 12VDC 2 AMP switching Power Supply Included
- Easy Installation: 3-Axis Concealed Bracket



## CPI-Q960H

Premium Hi Res Box Camera (Black Body)

- 1/3 INCH SONY SUPER HAD EX-VIEW CCD (960H)
- High Resolution - High Sensitivity
- 0.1Lux at F1.2 (color) / 0.0001Lux (Sense up x 256)
- OSD Controlled
- D-WDR (Wide Dynamic Range),
- SMART 3D DNR (3D Digital Noise Reduction)
- DC12V / AC24V Dual Power



## BC-70

Ultra Miniature Hi-Res 960H Color Camera

- 1/3" SONY CCD 960H
- 700 TV Lines Resolution
- Dimensions:
- 34 mm (W) X 34 mm (H) X 19 mm (D)
- 3.6 mm Fixed Board Lens
- DC 12V



## BC-71C

Ultra Miniature Ultra Hi-Res 960H Color Camera

- 1/3" SONY CCD 960H
- 700 TV Lines Resolution
- 3.7 mm Fixed Cone Lens
- Dimensions:
- 34 mm (W) X 34mm (H) X 19 mm (D)
- DC 12V



## Lenses 1/3" Format

### L-3.5-8M

3.5-8 mm Manual Iris Vari-focal Lens, CS Mount, F1.4



### L-5-100DC

• 5-100 mm DC Auto-Iris Varifocal Lens, CS Mount, F1.6



### L-2.8-12DCIR

2.8-12 mm DC Day/Night Auto Iris Varifocal Lens

- C/CS Mount, F1.6, Near Infrared
- Compatible: Supports Day-to-night performance & ensures High Resolution Performance



### L-6-60DCIR

6-60 mm DC Day/Night



Auto Iris Varifocal Lens, (Day & Night)  
• C/CS Mount, F1.6, Near Infrared Compatible: Supports Day-to-night performance & ensures High Resolution Performance

### L-3.5-8DC

3.5-8 mm DC Auto Iris Varifocal Lens, CS Mount, F1.4



## CPI-40WDR

HIGH RESOLUTION PREMIUM BOX CAMERA WITH WDR

- 1/3" Sony Super HAD EX-VIEW CCD Sensor 700 TV Line High Resolution 0.1 Lux at F1.2 (Color) / 0.0001 Lux (Sense-up x256) High Sensitivity
- Controlled by OSD Menu
- D-WDR
- Smart 3D DNR
- F-DNR (D-FOG)
- Day and Night Function
- DC12V / AC24V Dual Power



## ECD-701

Hi-RES Economic Indoor Mini Dome Camera w Varifocal Lens

- Color 1/3" CMOS 700 TV Lines
- 4-9 mm Lens
- 12 VDC
- Black Case
- 3 Axis



## ECD-700

Hi-RES Economic Indoor Mini Dome Camera

- Color 1/3" CMOS 700 TV Lines
- 3.6 mm Lens
- 12 VDC
- Black Case





## Wide Screen LED HD Surveillance Monitors Suitable for Every Video Surveillance and Security Application

- Suitable for every Video Surveillance and Security application: displays HDMI digital plus VGA, S-Video and BNC analog inputs (with looping BNC analog output)
- Superlative image quality from 1 billion color 30 bit Deep Color capability and advanced scaler technology
- Full HD 1920x1080p resolution
- Fully tested, approved and licensed by the HDMI Forum to bear the official HDMI logo
- OSD menu selection of 16:9 widescreen or 4:3 'SD' aspect ratio to correctly display images from analog DVRs or megapixel HD-SDI/NVR recorders
- Auto-on when VGA or HDMI DVR/NVR video is detected
- Bright LED illuminated panel with ultra wide (170° H) viewing angle
- LED panel conserves energy and extends service life
- Built in stereo 8" x 3" speakers and audio amplifier
- Included desk stand is easily removable for 100mm VESA mounting
- HDMI, VGA and audio accessory cables included
- Two year warranty



- M19** 19" Wide Screen LED HD Surveillance Monitor
- M22** 22" Wide Screen LED HD Surveillance Monitor
- M24** 24" Wide Screen LED HD Surveillance Monitor

### IP-M8

#### 7" IP Camera Tester

- True IP test monitor that will display live image from IP CCTV cameras and also provide PoE power up to 24 watts for PoE plus.
- Supports Hikvision, Dahua, Panasonic, Samsung, ACTi & 33 other protocols as well as ONVIF. 7"
- Touch screen 800x600 resolution.
- Images zoom function to aide spot on focusing of cameras.
- Can also be used with normal analogue CVBS camera & PTZ's as well as cable tracing, color signal generator.
- HDMI output for cable and monitor testing.
- Audio input & output for microphone testing.
- Includes WIFI for internet browser so you can download the most recent viewing apps or add apps that are not pre-installed and also browse the internet.
- Built in HD recorder and player.
- The unit is powered by a 6.5Amps rechargeable battery which can last up to 17 hours.



### IP-T1

#### 3.5 inch IP CCTV Tester with PoE, IP Camera Ping Testing & IP Address Searching

Simplify CCTV camera installations. Power, focus and aim your cameras locally without a trip back to the control room. Ideal for outdoor use. Lanyard and a hand strap included.

Control PTZ cameras that accept data over RS232, RS422 simplex or RS485 ports. The Address Search feature can determine a PTZ unit's address. The UTP cable test feature checks for connectivity across all 8 wires and displays the connections of the RJ45 connectors.

Rechargeable Lithium Ion Polymer battery charges for 4 hours and can last up to 11 hours. Auxiliary 12VDC, 1A power supply can be used to locally power and adjust cameras in the field or on a test bench. The RS485 data capture feature displays the code output of serial control devices.

Supports more than twenty PTZ protocols. Other functions include PoE voltage testing, PoE port flicker, PoE link monitoring, ip camera ping testing, ip address scan, video images zoom 1-10x, support video snapshot, video recording and playback, screenshot, Micro SD card, built in 4G SD card. NTSC/PAL auto-selecting, video signal measurement, preset setting, night LED, and more.



### MODEL: LCD-3.5 3.5 inch CCTV Tester with PTZ Tester and 12V DC Power output to camera.

Allows installer to control PTZ cameras that accept data over RS232, RS422 simplex or RS485 ports.

- Address Search feature can be used to run a search and determine a PTZ unit's address.
- UTP cable test feature checks for connectivity across all 8 wires and displays the pin-to-pin connections of the RJ45 connectors.
- Unit includes rechargeable Lithium Ion Polymer battery that charges for 4 hours and can last up to 12 hours in the field.
- Auxiliary 12VDC, 1A power supply can be used to locally power and adjust cameras in the field or on a test bench.
- RS485 data capture feature displays the code output of serial control devices.
- Supports more than twenty PTZ protocols.
- Lanyard and hand strap included.
- Durable rubberized skin helps protect the unit from general wear.

The CCTV Tester offers technicians a wide range of features to simplify CCTV camera installations. Power, focus and aim your cameras locally without a trip back to the control room. The unit's bright screen and easy to use menu are ideal for outdoor use.

### CQ-1

#### 4 CH Color Quad with Picture-in-Picture & 2X Zoom Display

- Resolution: 720 X 480
- VCR IN: 1 BNC Connector
- Picture Refresh Rate: 60 Fields / sec
- Video Input: 4 BNC Connectors
- Video Output: 2 BNC Connectors
- Quad Out: QUAD Only Video Output
- Monitor Out: Full Screen or QUAD output
- Zoom Function: 2 X 2 Zoom
- Time Generator: Built-in Real Time Clock
- Auto Sequential Dwell Time: Adjustable
- Freeze Duration: Adjustable



# •••• BRACKETS | HOUSING ••••

## CPI-161610KIT

### Weatherproof Enclosure with Mounting Bracket

Our CPI-161610-KIT was specially designed to allow the installation of a small embedded DVR or other device in a remote location that has power. The enclosure accommodates devices up to 12" x 12" x 4" (W\*H\*D).

#### Features:

- Mounting bracket (up to 12" x 12" x 4")
- NEMA 3R aluminum enclosure (16" x 16" x 10")
- Thick weather tight door seal
- Durable 1/8" thick aluminum
- Mylar insulation (reflects 95% of heat transfer)
- Weather tight connectors for cable entrance
- Easy access to video and accessory connectors
- Heavy duty thermostatic controlled fan
- Screened vents in sides and door
- Pole mount plates
- Pad-lockable security latch



\*\*Larger Sizes Available, Call for more information

## LB-DVR High Quality DVR LOCKBOX

- 16 Gauge steel
- Cooling fan
- Removeable locking lid
- Textured powdercoat finish
- Includes 2 keys

SIZE: 21 X 21 X 8  
Weight: 31lbs. (14kg)



SEC-SIGN-2  
English-Spanish  
Warning Sign  
Metal  
Construction  
8" X 10.5"



SEC-SIGN  
Warning Sign  
Metal  
Construction  
10.5" X 8"



# •••• BRACKETS | CAMERA MOUNTS ••••

## LCD · LED TV Security Wall & Ceiling Brackets

-15°-+5° up and down tilt, 50° 60° swivel. Support flat panel TV's up to 40kgs

### WB-42

- Full motion wall brackets for 23"-42" TV's

### WB-60

- Full motion wall brackets for 32"-60" TV's



## CMB-2

Deluxe Camera Mount  
with Cable Outlet

- Solid Metal Construction
- Weight Capacity: 10 lbs
- Specifically designed for today's small cameras



## LCD-C

LCD Ceiling Bracket

- Ceiling Bracket For 13"-23" Screens
- Load Capacity: 44 LBS
- VESA Standard



## LCD-2C

LCD Ceiling Bracket  
Ceiling Bracket  
For 17"-37" Screens

- Load Capacity: 66 LBS
- VESA Standard



CMB-1W  
(White)  
Universal  
Camera  
Bracket



## CPI-227

Universal Dome Camera Wall  
Mount Bracket

- Metal for Indoor/  
Outdoor Use
- Beige Color



## LCD TV Bracket System Common Specifications:

- Rotates: 260 Degrees, Tilts: 30 Degrees
- Suitable for 15"-27" LCD Monitors
- Load Capacity: 44 LBS
- VESA Standard



## LCD-1

Articulating LCD Wall Bracket



## CP-106 (Beige)

## CP-106B (Black)

7" Universal Camera Mount

- ABS Plastic for Indoor Use
- Easy to Install
- Weight Capacity: 10 lbs
- Adjustable



# •••• HD-CVI | TVI | AHD TRANSMISSION ••••

## VB-11

### HD-CVI/TVI/AHD HD Video Balun

- To send HD-CVI, HD-TVI, AHD signal 720p at 300 M, 1080p at 200M over UTP cable.
- Eliminate the coaxial coax.
- Passive type, no power required.
- Compact size for easy installation at camera side.



## VB-12HD

### HD-CVI / TVI / AHD HD Video Balun with Pigtail

- Identical to VB-11, but with 10 cm mini coax cable for easy mounting behind DVR.



## VB-18HD

### HD-CVI/TVI/AHD HD Video & Power Balun

- Transmit HD video and power over one CAT5e networking cable.
- Include 2 units: 1 x RJ45 to BNC with DC power plug, 1 x RJ45 to BNC with DC power jack.
- Eliminate coaxial & power cable.
- Fast, easy installation, saving time and money.
- Substantial saving on the cost of the cable itself.



## VB-14HD

### 4 Channel HD-CVI/TVI/AHD HD Video Balun

- Identical to VB-11, but with 4 channel.
- Choice of RJ45 or push pin terminal inputs/outputs.



## VB-116HD

### 16 Port HD-CVI/TVI/AHD HD Video Transceiver in 1U Rack Mounting Panel

- Identical to VB-11, but with 16 channel in 1U rack mounting panel.
- Choice of RJ45 or push pin terminal inputs/outputs.



## HH01-TVI

### HD-TVI to HDMI /Composite Video Converter

- Converts HD-TVI signal to HDMI or analog composite video.
- Support NTSC, PAL video system.
- Supports resolutions up to 1080p.
- HDMI and DVI compliant.



## HH01-AHD

### Converts AHD signal to HDMI or analog composite video.

- Support NTSC, PAL video system.
- Supports resolutions up to 1080p.
- HDMI and DVI compliant.

# •••• HD PLUG & PLAY CABLES ••••

## HD BNC Cable with Power | Pre-made CCTV Security Camera Cables

Can be used with any type of CCTV Camera: HD-SDI, HD-TVI, HD-CVI & 960H Analog

### Specifications:

- BNC Male to Male Video
- 2.1 mm Male to Female Power
- Black Cable Only



### Models:

HDC-65.....	65 FT
HDC-100.....	100 FT
HDC-165.....	150 FT

## HD BNC Cable with Power & Audio | Pre-made CCTV Security Camera Cables

Can be used with any type of CCTV Camera: HD-SDI, HD-TVI, HD-CVI & 960H Analog

### Specifications:

- BNC Male to Male Video, RCA Male to Male Audio & 2.1 mm Male to Female Power
- Black Cable Only



### Models:

HDC-A65.....	65 FT
HDC-A100.....	100 FT
HDC-A165.....	132 FT

# ••••• CCTV TWISTED PAIR TRANSMISSION •••••

## VB-2

### 1 Channel Passive Video Transceiver

- Smart twisted pair transmission products are designed for CCTV signal transmission over UTP wire (CAT 5 network cable).
- These smart cabling system transmission are an alternative solution to coaxial and fiber based systems, providing following benefits:
  - Fast, easy installation, saving time and money.
  - Substantial savings on the cost of the cable itself.
  - Superb quality on long range transmission.
- Passive Video Transceiver (no power required), transmission range color 400 meters, B/W 600 meters via CAT 5 UTP Cable.



## VB-4

### 1 Channel Passive Video Transceiver

Smart twisted pair transmission products are designed for CCTV signal transmission over unshielded twisted pair wire (CAT 5 network cable). These smart cabling system transmission are an alternative solution to coaxial and fiber based systems, providing following benefits:

- Fast, easy installation, saving time and money.
- Substantial savings on the cost of the cable itself.
- Superb quality on long range transmission.
- Passive Video Transceiver (no power required), transmission range color 400 meters, B/W 600 meters via CAT 5 UTP Cable.



## VB-6

### Economic Mini Video Transceiver with Pigtail

- Twisted pair transmission products are designed for CCTV signal transmission over unshielded twisted pair wire (CAT 5 network cable).
- These smart cabling system transmission are an alternative solution to coaxial and fiber based systems, providing following benefits: *Fast, easy installation, saving time and money. Substantial savings on the cost of the cable itself. Superb quality on long range transmission.*
- Passive Video Transceiver (no power required), transmission range color 300 meters, B/W 600 meters via CAT 5 UTP Cable.



## VB-11

### HD Video Transceiver (Balun)

- To send HD-CVI, HD-TVI, AHD camera 720p/1080p up to 300 meters over UTP cable.
- BNC male to screw terminal for easy connection.
- Bandwidth support 50hz-47Mhz.
- Compact and mini size
- Passive, No power required.
- Eliminate Coaxial Cable.



## VB-HUB/4 4 CHANNEL Passive Video Transceiver

- 4 X BNC female to 1 X RJ45 female + 8 pin terminal block
- Four passive video transceivers in one product
- Choice of RJ45 or push pin terminal inputs/outputs



## VB-16H

### 16 Port Passive Transceiver Hub In 1U Rack Mounting Panel

VB-16H is multi video transceivers to be install onto one compact 19" wide 1U panel, Panels can reside in the same rack as other equipment, such as switchers, multiplexers, DVR, video conferencing equipment, etc. It is perfect for larger CCTV installations and ideal for security monitoring stations.

- Built in 16 port passive transceivers in 1U 19" rack mounting panel.
- As a rack mounting passive transmitter hub, use with VB-2/VB-4/VB-6/VB-HUB/4 receiver at distance up to 600 meters.
- Use active Transmitter or Receiver (VB-3T or VB-3R) to increase distances to 1000 meters.
- Passive, no power required.
- Built in a highly balanced mode of video transmission for extra interference immunity.



## VB-5PV

### Video & Power Transceiver Professional KIT

Power send over UTP cable, application for low voltage power camera.

- To send video & power via one CAT5 UTP cable.
- 6 pin terminal connector for easy connection.
- Power cable could be one/two/three pairs option based on camera power consumption and transmission range.



## AVB-4

### 4 Channel Active Receiver Designed for long range video transmission

- Built in 4 port active receiver
- Video Input Port: 4 port (Terminal Block), Video Output Port: BNC Connector (1Vp-p, 75 ohms)
- Transmission range from 325-4000 FT (100-1200 meters) when used with passive transmitter.
- Transmission range from 325-5900 FT (100-1800 meters) when used with active transmitter.
- Easy setting with 2 adjustments for color gain & brightness.
- Built-In ground loop isolation.
- Works with passive or active transmitters.
- Superb picture quality on long range transmission.



## AVB-16

### 16 Port Active Receiver Hub in 1U Rack Mounting Panel

- Built in 16 port active receiver
- Video Input Port: 16 Port (Terminal Block), Video Output Port: BNC Connector (1Vp-p, 75 ohms)
- Transmission range from 325-4000 FT (100-1200 meters) when used with passive transmitter.
- Transmission range from 325-5900 FT (100-1800 meters) when used with active transmitter.
- Easy setting with 2 adjustments for color gain & brightness.
- Built-in highly balanced mode of video transmission for extra interference immunity.
- Built-In ground loop isolation.
- Works with passive or active transmitters.
- Superb picture quality on long range transmission.

## VB-3

(Set includes Transmitter & Receiver)

### Single Channel Active Video Twisted Pair Transmission: Range up to 2000 meters

- VB-3T active transmitter with VB-3R auto gain active receiver to send signal 2000 meters over UTP
- Transmitter built in L, M, & H high frequency video gain
- Built in Auto Gain Control at Receiver
- Built in Transient protection & ground lifting
- Sold as a set: (\$75) VB-3 or individually as VB-3T & VB-3R (\$39 each)



# ●●●● IP CABLING TRANSMISSION ●●●●

## IP-01

### IP Extender over Coax

- Send IP camera signal over existing coaxial cable.
- Passive, no power required.
- Exceeds 802.3 10BaseT NEXT specification, isolating the receiver from the transmitted signal.
- Transmission up to 200 meters (Max).



## IP-1H

### Ethernet Switch with 4Port 10Base-T+ 1Port 10/100Base

- 4 Port Ethernet Switch with 4 port BNC and 1 port RJ45.
- RJ45 terminal support 10/100Mbps auto detect function
- BNC terminal support 10Mbps, must work with IP01.
- LED indication: Link/Active, Power.
- Complies with standard IEEE802.3 and IEEE802.3u.
- Auto MDI/MDI-X auto cross at RJ45 terminal.



## IP01P

### POE Extender over Coax

Designed to send and extend POE camera devices over existing coax cable. Distance up to 300 meters by RG6U 75Ω Coaxial Cable. Completely transparent to protocols, codes, and applications ensuring compatibility with any POE camera and its management software. Perfect solution to replace the analog camera to POE camera using existing coax cable.



## IP-2

### Active IP Extender over Coax

- Send and extend IP camera signal or any TCP/IP devices over existing coaxial cable.
- Active type, including transmitter and receiver.
- Plug and play for easy connection
- Long range transmission up to 2000 meters (Max).



## IP-3

### Active IP Extender over CAT5

- Identical to IP02, but over CAT5 cable instead of coaxial cable.
- Long range transmission up to 1200 meters (Max).



## IP-4

### POE Repeater

- Extend of both power and data beyond 100 meters.
- Maximum range up to 300 meters under 10/100BASE-T.
- No external power required.
- Compatible IEEE 802.3af POE standard.
- Support 10/100/1000 BASE-T transmission rate.
- Built in LED status indication.
- Plug and play for easy installation.



## IP-5H

### 5 Port POE Switch

- 4 Port 10/100/1000Mbps with embedded PoE Injector.
- 1 Port 10/100/1000Mbps for connecting to LAN.
- Auto-sensing for detecting PoE or non-PoE devices.
- Compatible IEEE 802.3af PoE standard.



## SR-1

### Signal Repeater

- Extend data signal over CAT5/5e/6 cable.
- Repeater range up to 120 meters.
- Application to work with UE02, VKM03 to extend USB, VGA+USB signal over 120 meters.
- A long range extension could be done by using multiple repeaters.
- Support 10/100/1000 BASE-T transmission rate.
- Built in LED status indication.
- External power required.
- Plug and play for easy installation.



# ●● DATA TRANSMISSION ●●

## RS-1

### RS232 to RS485 Converter

- DB9 female connector for RS232 to 2 wires Terminal Block for RS485.
- Two wire, differential signals, half duplex.
- Non power operation.
- Auto switching baud rate, speed up to 115,200 baud over a distance 1200 meters.
- 32 units connected together in RS-485 multidrop operation.



## RS-4

### RS485 Distributor 1 input 4 Output

- Input option: 1 x RS232, 2 x RS485 (3 input can be "stand by" status at the same time, but only one controller will be activated at once)
- Output: 4xRS485, each channel connection range up to 1200 meters by twisted pair cable.
- Built in surge protection.
- Each input/output is isolated.
- Cascade connection to other units RS004/RS008/RS016.
- Serial data back on 4 outputs at the same time, to provide perfect configurations.
- Power supply included.



## M-POE-026A

### 24 Port 10/100Mbps PoE switch + 2 gigabit ports + 2 SFP ports

- Support up to 350W of PoE Power - Internal Power Supply
- Setting free and Complies with IEEE 802.3af PoE standard
- Rack mountable - Comes with rack mount holder
- PoE power is delivered to the twist-pair pin 1,2 and pin 3,6
- Safety Protection on Low Power Devices
- PD Detection



# ••• HDMI TRANSMISSION •••

## CP-01SE

### Economic Solution HDMI CAT5 Extender over Single Cable

The HDMI CAT5 Extender is using only one cost effective CAT5E/6 cable to extend your HDTV display up to 70 meters at 1080i and 50 meters at 1080p. It is equipped with HDMI connectors and also supports DVI equipment with allowing used with a HDMI to DVI adapter. It provides an easy and flexible cabling solution for integrating home theater components.

- Extends HDMI signal over one CAT5/5e/6 cable.
- HDMI 1.3 compliant.
- Transmission range up to 50M at 1080i, 30M at 1080p resolution.
- Work with passive receiver as economic type.
- No external power requested at CP01SE(R) receiver unit.
- Package include one CP01SE(T) transmitter, one CP01SE(R) receiver, one power adapter.



## CP-03

### HDMI 1 In 3 Out CAT5 Extender with Chainable Receiver

- Extends HDMI signal over one CAT5/5e/6 cable.
- Including CP03T transmitter and CP03R receiver unit.
- Receiver built in 1 x HDMI output and 2 x CAT5 output for chainable to another receiver for longer distance and multiple displays.
- CP03R receiver could be chainable
- Transmission range up to 150M over CAT5e, 180M over CAT6.
- Plug and play for easy operation.



## HD-02

- 1 Input 2 Output HDMI Distribution Amplifier

## HD-04

- 1 Input 4 Output HDMI Distribution Amplifier



## HS04 HDMI Switch

- 4 Input 1 Output HDMI Switcher. Allows multiple digital (video & audio) sources to share one video display. Perfect for home theater systems. No manually plugging in different HDMI connectors to view different video sources.



# ••• SURGE PROTECTION •••

## SP-01

### Surge Protection Device

APPLICATIONS: CCTV Systems, Video Camera, Monitors, Multiplexers, Quads, Time Lapse VCR's

- BNC Male to BNC Female
- Protects equipment from high voltage surges from nearby lightning strikes.
- Hi Frequency for both CCTV & CATV use.
- Two Stage Protection



## CPI-SP016C

### 16 CH Video Surge Protection for DVR in 1U Rack Mounting Panel

- Performs a different function than grounding requirements.
- Protects equipment from high voltage surges from nearby lightning strikes.
- Two stage protection: under 1ns-90V, over 10ns-12V.
- Wide range of applications: CCTV/CATV system, Antenna of Television, FM receivers, video camera, monitors, multiplexers & Quad processor, VCR...etc.



## SP-6

### Network Surge Protection Device

- Performs a different function than grounding requirements.
- Protects equipment from high voltage surges from nearby lightning strikes.
- Two stage protection: under 100ns – 90V, over 100ns-12V.
- Wide range of applications: CCTV system, Antenna of Television, satellite receivers, FM receivers, video camera, monitors, multiplexers & Quad processor, VCR, etc.



## SP-6P

### PoE Surge Protector

- Performs a different function than grounding requirements.
- Protects equipment from high voltage surges from lightning strikes.
- RJ45 Jack to RJ45 Jack
- Power and signal line protection.
- 10/100 Base-T CAT5/CAT5e compatible.
- 802.3af POE (Power over Ethernet) compatible.
- Application for POE (Power over Ethernet) protection.



## SP-8

### HDMI Surge Protector

## SP-9

### HD-CVI / TVI / AHD Surge Protector

- BNC male to BNC female.
- Provide protection for HD-CVI, HD-TVI, AHD cameras & DVR's.
- Comply with IEC 61000-4-5.
- Built in EFT (impulse noise), lightning protection.



# ••• VIDEO INTERFERENCE | POWER CENTER •••

## G-01

### Video Ground Loop Isolator

could reduce "Ground Loop Interference" with CCTV signals and can easily install in a new or added to existing systems. It is useful where a video signal is transmitted via cable between points with different ground potentials, differences in ground potentials are typically caused by unbalanced power line loads.

- BNC male to BNC female with mini cable on both sides.
- Passive, no power required.
- Prevents video-signal distortion caused by video ground loops.
- Eliminates picture tearing, cross talk and rolling.
- Prevents power cables laid by others interfering with the CCTV system.
- Built in TVS (Transient Voltage Suppressors) for surge protection.



## PCC-1A

### Power Converter AC to DC 12V Power Converter 1AMP Max. (Regulated)

- AC to DC12V Power Converter with DC plug cable 1000mA Max.
- Input power: AC18~26V; DC18~28V.
- Output Power: DC12V regulated.
- For DC type camera or video power sources convert using AC24V for professional CCTV Industry Installation.



## PCC-500

### Power Converter AC to DC 12V Power Converter 500MA Mx (Regulated)

- AC to DC12V Power Converter with DC plug cable 500mA Max.
- Input power: AC15~26V; DC15~28V.
- Output Power: DC12V regulated.
- For DC type camera or video power sources convert using AC24V for professional CCTV Industry Installation.



# •••• VGA TRANSMISSION ••••

## VGA-1

### Video to VGA Converter

Turn any computer monitor into a security monitor

- Makes any standard VGA Computer monitor a video monitor
- Compact size, plug & play installation
- On screen display function
- Brightness, contrast, color, NTSC tint control
- NTSC Resolution: 640 X 480



## VGA-3HR

### Hi Resolution Video to VGA Converter with HDMI Output

- Special designed for computer VGA/ HDMI monitor, LCD color monitor
- Input: composite video input via RCA
- Output: Video(CVBS), VGA, HDMI output
- Input video system 50 to 60Hz frame rate detection (NTSC/PAL)
- Support VGA, HDMI resolution: 800x600, 1024x768, 1280x720, 1920x1080@60Hz,
- Built in stereo audio input and output
- Any adjustment will be auto memory
- On screen display function: Resolution, Brightness, Contrast, Saturation, Hue



## VGA-201 - CAT5 VGA 1 in 2 out Distributor Transmitter

- Each set including one piece VGA-201-T transmitter and one piece VGA-201-R receiver.
- Dual output: 1 VGA loop output for local, plus 1 CAT5 RJ45 output for remote side.
- Use CAT5 cable instead of VGA cable.
- Long range transmission up to 300 meters (Max.)
- Built in contrast, brightness adjustment at Receiver.
- Supports up to 1600x1200 @85Hz.



## VGA-2HR

### Hi Resolution Video to VGA Converter with BNC loop out

- Special designed for computer VGA monitor, LCD color monitor
- Dual output: DB15 x 1 for VGA monitor and BNC x 1 for TV monitor.
- Support NTSC, PAL video system.
- Input video system 50 to 60Hz frame rate detection (NTSC/PAL).
- The DEINTERLACED and Scan rate conversion output mode: 800 x 600, 1024 x 768, up to 1280\*1024@60Hz.
- Frequency output: 60Hz, 75Hz, 85Hz.
- On screen display function: Contrast, Brightness, Color, Tint, Features, Resolution.
- Built in ESD protection.
- Built in video auto gain control for good quality picture.



## VIDC-01

### VGA to Video Converter

- Use TV as PC monitors to view presentations, games, pictures and movies or browse the Web.
- Connects your DVR with VGA output port to existing TV or CRT monitor.
- Ideal for notebook computer users to easily connect and use a large-format monitor.
- Video standards: NTSC/NTSC-EIAJ/PAL/PAL-M/PAL-N/SECAM.
- Resolutions support: 640 x 480 (up to 85 Hz), 800 x 600 (up to 85 Hz) and 1024 x 768 (up to 75 Hz).
- Dual output ports: composite video (BNC connector), VGA (DB15).
- Image controls: Horizontal and vertical size, brightness, contrast, hue, saturation, sharpness and on screen display background.
- Simple and quick to install; Windows and Mac compatible.
- No driver or operating system requirements; compatible with Windows and Mac computers



# •••• VIDEO TRANSMISSION ••••

## VA-404

### 4 Input 4 Output Video Amplifier

- 4 Video Input 4 Video Output
- 10dB adjustable image gain.
- Sharpness and Brightness adjustment, perfect for DVR
- Transmission range: 1000 meters (RG59 coaxial cable)



## VA-101

### 1 Input 1 Output Video Amplifier

- 1 Video Input to 1 Video Output
- 10dB adjustable image gain.
- Sharpness and Brightness adjustment, perfect for DVR
- Transmission range: 1000 meters (RG59 coaxial cable)



## VDA-4

### Video Distribution Amplifier

1 Input to 4 Output Video Distributor



## VDA-1

### Video Distribution Amplifier

- 1 Input to 2 Output Video Distributor
- 10 dB video gain compensation amplification and HF compensation
- Sharpness & Brightness adjustment, perfect to work with all DVR's
- Transmission range: 1000 meters (RG-59/U coaxial cable)



## VD-108

### Coaxial Cabling System

1 Video Input to 8 Output Video Distributor

## VD-408

### 4 Input 8 Output Video Distributor

VD-408 is video distributors with one or multi video input to multi output. It is suitable for far distance, different floor in a building or different electrical field.

- Red LED: power on/off.
- It can be connected video camera, multiplexer, VCR, DVR... etc.
- Power supply included.



# •••• CABLING ••••

**N  
E  
W**

## HD BNC Cable with Power | Pre-made CCTV Security Camera Cables

- Can be used with any type of CCTV Camera: HD-SDI, HD-TVI, HD-CVI & 960H Analog
- BNC Male to Male Video & 2.1 mm Male to Female Power
- Black Cable Only

HDC-65 .....	65 FT
HDC-100 .....	100 FT
HDC-165 .....	150 FT



## CAT 5E PVC

CAT 5E 350 MHz, 24 AWG, PVC Available in Various Colors  
1000 FT Per Box



## RG59 BNC COAX Jumper Cable Male to Male

- RG 59U Cable Assembly with BNC Male connector on each end

BB-1 .....	1 FT	BB-6 .....	6 FT	BB-50 .....	50 FT
BB-2 .....	2 FT	BB-12 .....	12 FT	BB-100 .....	100 FT
BB-3 .....	3 FT	BB-25 .....	25 FT		



## BNC to BNC Jumper Cables Mini RG-179/U 75 OHM Cable

BMB-3	3 FT
BMB-6	6 FT
BMB-12	12 FT
BMB-25	25 FT

(3 & 6 FT Available in Black, Red & Yellow)  
(12 & 25 FT Black Cable Only)



## AM-2 Audio Pick-Up Box

- Add-on mini audio box for all cameras that require an audio function.
- High sensitivity microphone with 45cm power/audio cable.
- Easy to install and ideal for all security surveillance needs.
- DC12V power operation.



## P-008 DC Plug to removable terminal block

- Small size for tight spaces.
- 2.1mm DC plug.
- 10 pieces/ Bag



## P-009 DC Jack to removable terminal block

- Small size for tight spaces.
- 2.1mm DC Jack .
- 10 pieces/ Bag



## AM-1 In-Line Audio Pick-up Box

- One add-on mini audio box for all cameras which need audio function.
- High sensitive microphone.
- DC12V power regulator built-in box.



## PT-3 2.1 mm Female DC Plug with Flying Leads



## PT-6N Y-Power 2.1mm Male DC Plug to Dual Female Plug



## PT-4 2.1 mm Male DC Plug with Flying Leads



## PT-14 2.1 mm Male DC Plug to 4 Female Plugs



## Thin & Flexible Plug & Play Cable Kit with Audio

- Black Cable
- Power, video & audio on one cable.
- Makes installation a snap.

PAVC-25	25 FT
PAVC-65	65 FT
PAVC-100	100 FT
PAVC-150	150 FT



## •••• CLOSEOUTS! ••••

### Thin & Flexible Plug & Play Cable Kit

- Power & video on one cable.
- Makes installation a snap.
- Available in Black or White Cable

CPI-25	25 FT
CPI-50	50 FT
CPI-75	75 FT
CPI-100	100 FT
CPI-150	150 FT



## MODULAR WIRING ACCESSORIES

Our B Connectors provide the industry's most reliable connection with their unique design. They reduce costs, will not corrode and do not require insulation stripping of most wire gauges before insertion. They also allow for connection testing without stripping wires for faster installations with less clean-up time. These features ensure the continued operation of the security, safety and communications systems in which our connectors are most frequently used.

Also available with Anti-Corrosion Gel

CPI-B	B Connectors, 1000 pcs per Box (10 X 100)
CPI-BGEL	GEL B Connectors, 1000 pcs per Box (10 X 100)

## SIAMESE COAX CABLE

This type cable is great for use with CCTV equipment. All the wires you need to connect your camera eliminating the need for two separate cables for the power and video. This cable is easy to run and will also save you a considerable amount of time during installation.

### RG-59/U Cable & 18/2 Power 95% Copper Braid

1526-L	500 FT Siamese Coax Cable
1526-M	1000 FT Siamese Coax Cable

Available in Black or White





# ••• MULTIPLE OUTPUT CCTV CAMERA POWER SUPPLIES •••

## PS-9AC/5A 24VAC Power Supply – 9 Channel – 5 AMP

Voltage: 24VAC  
Output: 5 AMP  
Protection: PTC Resettable Fuses  
Dimensions: 8.25" (L) X 9.75" (W) X 2.75" (H)  
Housing: Wall Mountable Metal Box



## PS-18AC/10A 24VAC Power Supply – 9 Channel – 5 AMP

Voltage: 24VAC  
Output: 10 AMP  
Protection: PTC Resettable Fuses  
Housing: Wall Mountable Metal Box



## PS-4DC/5A 12VDC Power Supply – 4 Channel – 5 AMP

Voltage: 12VDC  
Output: 5 AMP  
Protection: PTC Resettable Fuses  
Dimensions: 8" (L) X 10" (W) X 3.5" (H)  
Housing: Wall Mountable Metal Box



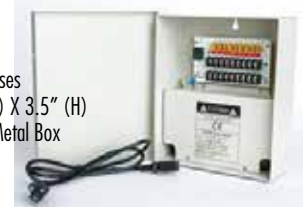
## 12VDC-18P/25A 12VDC Power Supply – 18 Channel – 25 AMP IDEAL FOR HIGH POWERED IR CAMERAS

Voltage: 12VDC  
Output: 25 AMP  
Protection: PTC Resettable Fuses  
Housing: Wall Mountable Metal Box



## PS-9DC/5A 12VDC Power Supply – 9 Channel – 5 AMP

Voltage: 12VDC  
Output: 5 AMP  
Protection: PTC Resettable Fuses  
Dimensions: 8" (L) X 10" (W) X 3.5" (H)  
Housing: Wall Mountable Metal Box



## PS-18DC/10A 12VDC Power Supply – 18 Channel – 10 AMP

Voltage: 12VDC  
Output: 10 AMP  
Protection: PTC Resettable Fuses  
Dimensions: 8" (L) X 10" (W) X 3.5" (H)  
Housing: Wall Mountable Metal Box



## 12VDC-16P13A-RM 12VDC Power Supply – 16 Channel – 13 AMP Rack Mount UL Power Supply

Voltage: 12VDC  
Output: 13 AMP  
UL Listed



## 12VDC-18P/20A 12VDC Power Supply – 18 Channel – 20 AMP

IDEAL FOR IR CAMERAS  
Voltage: 12VDC  
Output: 20 AMP  
Protection: PTC Resettable Fuses  
Housing: Wall Mountable Metal Box



## UL Listed Power Supplies

**UL LISTED**  
12VDC UL LISTED  
POWER SUPPLIES  
with  
PTC Resettable  
Fuses



4P12VDC/5A UL..... 4 PORT 5 Amps  
9P12VDC/5A UL..... 9 PORT 5 Amps



9P12VDC/10A UL..... 9 PORT 10 Amps  
18P12VDC/10A UL..... 18 PORT 10 Amps



## Plug-In Transformers

### 24VAC Class II Plug-In Power Supply

CP-2420 Input: 120V, 60Hz Output: 24VAC ~ 20VA  
CP-2450 Input: 120V, 60Hz Output: 24VAC ~ 50VA

All Units: White Housing with Green Led, Two Screw Terminal Output, Individually Boxed & UL Listed.



## Regulated Power Supplies



### 12VDC DC Plug-in Switching Power Supplies

MARS-500R	Primary: 120/240VAC 50/60Hz	Secondary: 12VDC 500 MA
MARS-1000R	Primary: 120/240VAC 50/60Hz	Secondary: 12VDC 1000 MA
DC-1500R	Primary: 120/240VAC 50/60Hz	Secondary: 12VDC 1500 MA
DC-2000R	Primary: 120/240VAC 50/60Hz	Secondary: 12VDC 2000 MA
MARS-5000R	Primary: 120/240VAC 50/60Hz	Secondary: 12VDC 5000 MA

All Units: 2.1 mm plug, Fully Regulated, Individually Boxed & UL Listed.

## SB-105 Series BNC Male Crimp 3 PC Construction



SB-105B for RG-59/U  
SB-105C for RG-6/U  
SB-105D for RG-179/U  
SB-105U Universal: for RG-59/  
U & RG-59U Plenum

## SB-106 Series BNC Males Twist-On

SB-106B for RG-59/U  
SB-106BP for RG-59/U Plenum  
SB-106C for RG-6/U



## SB-114 Series BNC Male Crimp 2 PC Construction



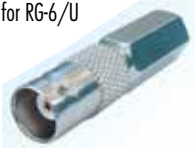
SB-114B for RG-59/U  
SB-114BP for RG-59/U Plenum  
SB-114C for RG-6/U  
SB-114CP for RG-6/U Plenum C  
SB-2219D for RG-179/U Mini-Max

## SB-116B BNC Male Terminator 75 OHMS



## SB-120 Series BNC Female Twist-On

SB-120B for RG-59/U  
SB-120BP for RG-59/U Plenum  
SB-120C for RG-6/U



## SB-128 BNC Double Female Adapter

### SB-128G BNC Double Female Adapter Gold Plated



## SB-132 BNC Double Female Bulkhead Adapter



## SB-133 BNC Double Male Adapter



## SB-134

### BNC Adaptor One Male Double Female



## SB-135

### BNC Right Angle One Male One Female



## SB-136

### BNC Adapter Three Female



## SB-144

### BNC Male to RCA Male



## SB-146 BNC Male to RCA Female

### SB-146G BNC Male to RCA Female Gold Plated



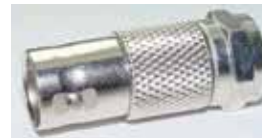
## SB-147

### BNC Male to F Female



## SB-150

### BNC Female to F Male



## SB-156 BNC Female to RCA Male

### SB-156G BNC Female to RCA Male Gold Plated



## SB-161 Series BNC Female Crimp 2 PC Construction

SB-161B for RG-59/U  
SB-161BP for RG-59/U Plenum  
SB-161C for RG-6/U



## SB-162

### BNC Female to Double Male T Type



## SB-164

### BNC Male to BNC Female



## SB-166

### BNC Three Male T Adaptor



# ••• CONNECTORS | TOOLS •••

**SB-169**  
BNC 90 Degree Type:  
Male/Female/Female



**SB-170**  
BNC Male to Two Female  
Right Angle



**SB-171**  
BNC One Male to Two  
Female Y Type



**CAT5E RJ45**  
**Modular Plug**  
105 CAT5E RJ45  
8P8c Round Solid Cable -  
100 Each/Bag



## ••• F & RCA CONNECTORS •••

**SF-804B**  
F Male with attached 1/2" Grip Ring for  
RG-59/U

**SF-804C**  
F Male with  
attached 1/2"  
Grip Ring  
for RG-6/U



**SF-806**  
Universal F Male Crimp with  
attached 3/4" Grip Ring  
(for RG-6/U Quad, Tri, Plenum & PVC)



**SF-810B**  
F Male Twist-On For RG-59/U

**SF-810C**  
F Male Twist-On For RG-6/U



**SF-818**  
F Double Female Bulkhead



**SR-1002**  
RCA Female to F Male



**SR-1004**  
RCA Male to F Female



**SR-1005**  
RCA Double Female



**SR-1010**  
RCA Double Male Bulkhead



**SR-1013**  
RCA Double Male



### EZ-RJ45® Connector

- Simplifies twisted pair terminations
- Inserted through the connector, out the front
- Reduces scrap, no wasted crimps
- More reliable, higher performance



**EZ-RJ45**  
Connectors For Cat5e Utp Cables- 100 Ea./Jar

**EZ-RJ45**  
Connectors For Cat6 Utp Cables - 100 Ea./Jar

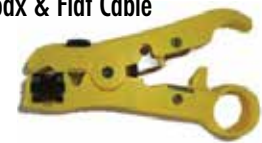
**EZ-RJ45** Tool Pro  
Professional Heavy Duty  
Termination Tool

**Crimp Tool**  
Crimps and  
trims in one cycle.



## TOOLS

**DL-7501A**  
Cable Stripper:  
for Coax & Flat Cable



**DL-8073RC**  
3 in 1  
Compression Tool:  
for BNC, RCA & F  
Compression Connectors



## ••• Compression Connectors •••

**SB-016 Series**  
BNC Male Compression

- SB-016B For RG-59/U
- SB-016C For RG-6/U
- SB-016BP For RG-59/U Plenum



**SF-867 Series**  
F Male Compression

- SF-867B2 For RG-59/U
- SF-867C2 For RG-6/U
- SF-867CQ2 For RG-6/U Quad Shield



**SR-1020 Series**  
RCA Compression

- SR-1020B For RG-59/U
- SR-1020C For RG-6/U



**HT-801C**  
Ratchet Compression  
Crimping  
Tool  
for RG-59/U & RG-6/U



# COMING SOON!



## AHD, HD-TVI & HD-CVI TEST MONITORS

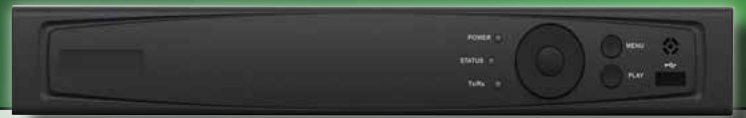
### 2 Mega Pixel 1080p TVI Cameras



**MODEL: TVI-63**  
HD-TVI IR Vari-focal Ball Camera, 2.0 Megapixel, IR-ICR, 36 IR LEDs (90 FT Range), 2.8~12mm Lens, DC12V

#### MODEL: TVI-66

HD-TVI IR Vari-focal IR Bullet Camera, 2.0 Megapixel, IR-ICR, 48 IR LEDs (125 FT Range), 2.8~12mm Lens, DC12V



### HD-TVI Solution for 1080P High Definition

**CPI-304-8 / CPI-304-16 8 or 16ch Triple Hybrid DVR TVI  
1080P 720P, Analog 960H and 2MP IP**

- For use with HD TVI and Analog CCTV Cameras.
- 8 or 16CH BNC Video Inputs.
- 1 CH Audio Inputs.
- Recording Resolution: 1080P, 720P (Real Time), 960H (Real Time).
- H.264 Dual-Stream Video Compression.
- Supports Two IP Cameras set to 2MP Resolution. Support for HDMI & VGA Video Output. Support 1 SATA HDD, USB 2.0, 1 RS485.
- Built in Web Browser. Support for iPhone, iPad and Android Smartphone.