Digital IP Equipment

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HD-AVS – High Definition Over Coax Equipment

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Seven Year Warranty

ClearView CCTV products are professional quality equipment, and we stand behind our products with a 7 Year Warranty. ClearView CCTV will replace, or at its sole discretion repair without charge, any DVR (Digital Video Recorder), NVR (Network Video Recorder) Camera or accessory proved defective in material, workmanship or operation for a period of seven (7) years, subject to warranty conditions and exceptions.

If during the warranty period, we cannot repair your product, we will replace the product with a working product of the same model, or if the same model is not available, with a comparable product.

Free Lifetime Support

Our commitment to support is unmatched in the industry and we stand behind our products by offering that support for the lifetime of the product. This ensures that our US based call center has a real person to answer any installation or usage questions. We also offer support for the products on our websites so that individuals can get the latest software updates, manuals, video tutorials and assistance they may need.
H.265 a New Standard

H.264 has been the standard for Security Camera Video recording for several years now. The next-generation H.265 and replacement for H.264 has arrived on many of the ClearView product line.

H.264 has been a huge success. It’s a flexible codec standard that’s used by streaming services, satellite providers, and for Blu-ray discs. It’s scaled remarkably well since it was first proposed and is capable of handling 3D, 48-60 fps encodes, and even 4K. The Blu-ray disc standard doesn’t currently include provisions for some of these technologies, but the H.264 codec itself can handle them.

Unfortunately, while H.264 can handle these types of encodes, it can’t do so while simultaneously keeping file sizes low. This is where H.265 comes in to save the day. The new standard is designed to utilize substantially less bandwidth thanks to advanced encoding techniques and a more sophisticated encode/decode model.

Unlike H.264, which can extend to cover 4K television but wasn’t designed with the feature in mind, H.265 was built to match the capabilities of future screens and includes support for 10-bit color and high frame rates. This is early days — support and capability of the current alpha are limited to 8-bit color and YUV output, but we still wanted to take the alpha technology out for a spin.

This gives a good basic idea of what sorts of benefits H.265 can offer compared to H.264. While it’s not hitting 50% bandwidth savings in most cases, it’s close — quantizer 24 is 57% the size, q=30 is 59%, and q=40 is just 47%.

New Equipment Guide

Some of our models have been replaced with new cutting edge equipment.

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Phoenix-32HP NVR

32 channels of HD video, supports for up to 12MP cameras. This heavy-duty, commercial grade machine lets dealers & installers bid even the largest jobs with confidence.

**Product Overview**

Phoenix-32HP

- **32 Ch HD main stream bandwidth 256Mbps.**
- **12MP Camera Support**
- **32 Channels 1080P Recording @ 30fps**
- **Rack Mountable 1.5U with Brackets Included**
- **1 HDMI Output + VGA**
- **4 Terabytes Hard Drive Included**
- **16 PoE Ports @ 25w per port – 150W Total**
- **H.265 / H.264 / MJPEG / MPEG4**
- **1 USB 2.0 front port / 2 USB 3.0 rear ports**
- **4 built-in SATA HD Bays / 1 external eSATA port**
- **Multiple-channel Playback**
- **Intrusion Detection, Tripwire**
- **1-ch bidirectional talk In/Output Audio**
- **Audio Compression G.711a**
- **Fisheye dewarp technology**
- **P2P - Support**
- **16-ch alarm input / 6-ch alarm output**
- **1/4/8/9/16 Window Split**
- **1 RS232 port, 1 RS485 port to control PTZ**
- **1 RJ45 2 Gbps Ethernet port**

**ADDONS**

DVR LOCK BOX

for a 1.5U case

Page 34 & 35 for optional accessories

**Access Anywhere**

**Product Overview**

Phoenix-32HP

32 Ch 1080P HD Real-Time @ 30fps

Includes **4 TB Hard Drive** (16 Port PoE)
PhoenixView04B-04IP94

3MP NVR Kit
Everything in one box...

Kit Contains

PhoenixView04B-04IP94
Phoenix-04B, 4 Bullets 3 Megapixel, Built in 4 Port PoE, Power, Cables & 1 Terabyte

Features

- 4 IP-94 Bullet Cameras 3 Megapixel
- 3 Megapixel (2048 x 1536) @ 15fps recording
- 4 Port PoE (Power over Ethernet) Built In
- HDMI / VGA / TV / spot simultaneous outputs
- Dual-core embedded linux processor
- H.264/G.711 dual-stream video compression
- 1 RCA two-way talk In/output
- All channel synchronous real-time playback

Kit Contains

PhoenixViewPlus-08-4D
PhoenixPlus-08M, 4 Dome 1.3 Megapixel, Built in 8 Port PoE, Power, Cables & 1 Terabyte

Features

- 4 Dome Cameras 720P 1.3 Megapixel
- 1080P NVR Recorder
- 8 Channel NVR
- 1.3 Megapixel @ 30fps recording
- 8 Port PoE (Power over Ethernet) Built In
- Four H.265 IP Cameras
- Expandable to 8 Cameras
- IP67 - Weather-Proof
- PoE - Power Over Ethernet
- 100 ft IR NightVision Range
- Supports up to 6 terabyte storage

PhoenixView
Phoenix-04B
Network Video Recorder
Phoenix-04B
04B-04IP94

IP-94 Bullet Cameras
4

100ft Ethernet Cable
4

4 Port PoE Switch
Built In

Hard Drive
1 TB

PhoenixView
PhoenixPlus-08M
Network Video Recorder
PhoenixPlus-08M
Plus-08-4D

1.3 MP IP Dome Cameras
4

100ft Ethernet Cable
4

8 Port PoE Switch
Built In

Hard Drive
1 TB
PhoenixPlus-08M Features
8 Channel Smart 1U NVR 4 Megapixel Recording with 8 PoE Port

- 8 channel 720P IP camera input
- 4 channel 1080P IP camera input
- 2 channel 4MP IP camera input
- H.265/H.264 dual codec decoding
- Max 80Mbps incoming bandwidth
- HDMI/VGA simultaneous video output
- ONVIF Version 2.4 conformance
- 3D intelligent positioning with CV PTZ camera
- Support 1 SATA HDD up to 6TB, 2 USB2.0
- Support IPC UPnP, 8PoE ports
- 1 TB Drive Included

PhoenixPlus-08 Features
8 Channel NVR 4 Megapixel Recording with 8 PoE Port

- 8 channel 1080P IP camera input
- 4 channel 4MP IP camera input
- H.265/MJPEG dual codec decoding
- Max 80Mbps incoming bandwidth
- HDMI/VGA simultaneous video output
- ONVIF Version 2.4 conformance
- 3D intelligent positioning with CV PTZ camera
- Support 1 SATA HDD up to 6TB, 2 USB2.0
- Support IPC UPnP, 8PoE ports
- 1 TB Drive Included
PhoenixPlus-16 Features
16 Channel 1U NVR 5 Megapixel Recording with 16 PoE Port

- 16 channel 1080P IP camera input
- 4 channel 4MP IP camera input
- 8 channel playback at 1080p
- H.265/MJPEG dual codec decoding
- Max 200Mbps incoming bandwidth
- Up to 5Mp resolution preview & playback
- HDMI/VGA simultaneous video output
- 16 channel synchronous realtime playback, GRID interface
- ONVIF Version 2.4 conformance
- 3D intelligent positioning with CV PTZ camera
- Support 2 SATA HDDs up to 12TB, 2 USB(1 USB3.0)
- Support IPC UPnP, 16PoE ports
- 2 TB Drive Included

Phoenix-16-8P Features
Supports up to 2 Megapixel @ 30fps 8 Port PoE NVR

- All channel 2 Megapixel @ 30fps recording
- 1 SATA Hard Drive Bay
- 80Mbps incoming bandwidth
- Built in 8 Port PoE 802.3af
- 1 HDMI / 1 VGA outputs
- H.264/MJPEG dual-stream compression
- Support Multi-brand network cameras: ClearView, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek and etc.
- All channel synchronous real-time playback
- GRID interface & smart search
- 4 rectangle privacy mask zones per camera
- ONVIF Version 2.4 conformance
- 3D intelligent positioning with ClearView PTZ camera
- 2 USB Ports
- Supports up to 6 terabytes storage

Product Overview
PhoenixPlus-16
16 Ch 5MP HD Real-Time @ 30fps
Includes 2 TB Hard Drive (16 Port)

Product Overview
Phoenix-16-8P
16 Ch 1080P HD Real-Time @ 30fps
Includes 2 TB Hard Drive (8 Port PoE)
IP-007

360 degree IP Fisheye Dome Camera 1/2” 6 Megapixel Sony Exmor

- 6 Megapixel
- 30fps @ 6.0MP (3072 x 2048)
- 1.55mm 360 Degree Fisheye Lens
- Built in Microphone
- Multiple De-wrap Modes: Original, Panoramic
- Double Panoramic, 1+3, Electronic PTZ, 4 pictures
- 45ft IR LEDs range
- DWDR, Day/Night-Vision, 3DNR, ROI, AWB, AGC, BLC
- IP67 - Weatherproof
- IK10 - Vandalproof
- Intrusion Detection / Tripwire
- Intelligent Features
- OnVif (2.4), PSIA, CGI
- 1 Audio In/Output
- 2 Alarm Inputs
- Micro SD Memory Slot
- 12VDC / PoE (802.3af) 13W

IPD-93A

4.0 Megapixel IP WDR IR Mini Dome Camera

- 1/3” 4.0 Megapixel progressive scan CMOS
- H.265 & H.264 dual-stream encoding
- 30fps @ 4.0 MP(2688x1520)
- WDR(120dB), Day/Night(ICR)
- 3DNR, AWB, AGC, BLC
- Intrusion Detection / Tripwire
- Intelligent Features
- 2.7mm ~ 12mm motorized lens
- 165ft IR Range
- Micro SD memory
- IP67 - Weatherproof
- IK10 - Vandalproof
- PoE - Power Over Ethernet
IPB-94A
3.0 Megapixel IP Mini-Bullet IR Camera

- 1/3” 3.0 Megapixel progressive scan CMOS
- H.264 & MJPEG dual-stream encoding
- 20fps @ 3.0 MP (2048x1536)
- 30fps @ 1080P (1920x1080)
- DWDR, Day/Night (ICR), 3DNR, AWB, AGC, BLC
- 2.8mm fixed lens 92 degrees
- 100ft IR Night-Vision Range
- IP67 - Weatherproof
- PoE - Power Over Ethernet

IPD-90
3.0 Megapixel Full HD IP Small IR Dome Camera

- 1/3” 3.0 Megapixel progressive scan CMOS
- H.265 & MJPEG dual-stream encoding
- 20fps @ 3.0MP (2048x1536)
- 30fps @ 1080P (1920x1080)
- DWDR, Day/Night (ICR), 3DNR, AWB, AGC, BLC
- 2.8mm fixed lens
- 100ft IR Night-Vision Range
- IP67 - Weatherproof
- PoE - Power Over Ethernet
### IP-93A

**4.0 Megapixel In/Outdoor 2.7~12mm Motorized Zoom 160ft IR**

- 4 Megapixel 1/3” Progressive Scan
- 20fps @ 4.0 MP (2688 x 1520)
- 30fps @ 3.0 MP (2304 x 1296)
- 2.7~12mm **Zoom by Remote Control**
- 160ft IR LEDs range
- H.264 & MJPEG tri-stream encoding
- WDR, Day/Night (ICR)
- 3DNR, AWB, AGC, BLC
- Intrusion Detection / Tripwire
- Intelligent Features
- OnVif (2.4), PSIA, CGI
- IP67 - Weatherproof
- 128Gb Micro SD Slot
- 2 Alarm Input / 1 Alarm Output
- 1 Audio Input (Microphone not included)
- PoE (802.3af) 11.5W

### IPD-92A

**3.0 Megapixel In/Outdoor 2.7~12mm Motorized Zoom 100ft IR**

- 3 Megapixel 1/3” Progressive scan
- 30fps @ 3MP (2048 x 1536)
- 2.7~12mm lens **Zoom by Remote Control**
- 100ft IR LEDs range
- H.265 & MJPEG dual-stream encoding
- DWDR, Day/Night (ICR)
- 3DNR, AWB, AGC, BLC
- OnVif (2.4)
- IP67 - Weatherproof
- IK10 - Vandalproof
- PoE (802.3af) 5W

---

**ADD ONS**

Page 38 for optional mounts
IP-84
2.0 Megapixel In/Outdoor 3.3~12mm Varifocal 100ft IR Range Bullet

- 2.0 Megapixel SONY Progressive Scan Exmor
- High-performance TI DaVinci DSP
- H.264 & MJPEG dual-stream encoding
- 30fps @ 1080P (1920x1080) resolution
- 3.3~12mm/F1.6 CS Auto Iris Varifocal lens
- 100ft IR Range / True Day Night
- Support Alarm I/O interface
- Add Microphone via RCA Audio Plug
- Micro SD Slot
- OnVif (2.4)
- IP67 - Weatherproof
- PoE (802.3af) 5W

IPB-82A
2.0 Megapixel IP Mini-Bullet IR Camera

- 1/2.7” 2.0 Megapixel progressive scan CMOS
- H.265 & MJPEG dual-stream encoding
- 30fps@ 1080P (1920x1080)
- DWDR, Day/Night(ICR)
- 3DNR, AWB, AGC, BLC
- 3.6mm fixed lens
- 100ft IR Night-Vision Range
- IP67 - Weatherproof
- PoE - Power Over Ethernet
IPD-81A
2.0 Megapixel IP WDR IR Wedge Dome Camera w/ Smart Detection

- 1/2.8” 2.0 Megapixel progressive scan CMOS
- H.265 dual-stream encoding
- 60fps@1080P(1920x1080)
- Smart Detection Supported
- Intelligent Features
  - WDR(120dB), Day/Night(ICR), 3DNR, AWB, AGC, BLC
  - 2.8mm Lens 120degrees 65ft IR Range
  - Micro SD memory
  - IP67 - Weatherproof
  - IK10 - Vandalproof
  - PoE - Power Over Ethernet
  - Built in Microphone via RCA

IPD-80A
2.0 Megapixel HD IP Small IR Dome Camera

- 1/2.7” 2.0 Megapixel progressive scan CMOS
- H.265 & MJPEG dual-stream encoding
- 30fps@2M(1920x1080)
- DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC
- 3.6mm fixed lens 93 degrees
- 100ft IR Night-Vision Range
- IP67 - Weatherproof
- PoE - Power Over Ethernet

IP-74N
1.3 Megapixel HD WiFi with 32ft PIR Range Indoor

- 1/3” 1.3 Megapixel HD progressive scan
- Max 15fps @ 1.3MP (1280x960) / 30fps @ 1.0 MP
- 3.6mm fixed lens
- 32 foot PIR Range
- H.264 & MJPEG dual-stream encoding
- DWDR, Day/Night, 2DNR, Auto iris, AWB, AGC, BLC
- Micro SD Slot
- 12V DC Power Not Included
- Can be mounted on wall or ceiling (bracket included)
- Only: 2 3/4”W x 4”H (5 1/2” tall with stand)
IP-72A
1.3 Megapixel Outdoor 100ft IR Range Mini Bullet

- 1.3 Megapixel HD Exmore
- H.264 & MJPEG tri-stream encoding
- 30fps @ 1.3MP (1280x960)
- DWDR, Day & night, AWB, AGC, BLC
- 3.6mm 75° angle fixed lens
- Intrusion Detection / Tripwire
- Intelligent Features
- OnVif (2.4), PSIA, CGI
- 100 ft IR range
- IP67 - Weatherproof
- DC12V / PoE (802.3af) 5W
- Only 2.53” x 5.70”

IPD-70
1.3 Megapixel HD IP Small IR Dome Camera

- 1/3” 1.3Megapixel progressive scan CMOS
- H.265 & MJPEG dual-stream encoding
- 30fps@1.3M (1280x960)
- DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC
- 2.8mm fixed lens
- 100ft IR Night-Vision Range
- IP67 - Weatherproof
- PoE - Power Over Ethernet

IPB-70
1.3 Megapixel IP Mini-Bullet IR Camera

- 1/3” 1.3Megapixel progressive scan CMOS
- H.265 & H.264 dual-stream encoding
- 30fps@1.3M (1280x960)
- DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC
- 3.6mm fixed lens
- 100ft IR Night-Vision Range
- IP67 - Weatherproof
- PoE - Power Over Ethernet
PTZ IP 2.0 Megapixel Cameras

**MPTZ-2**

2.0 Megapixel HD 4x Optical / 16x Digital Mini PTZ Super Low Lux

- 2 Megapixel 1080P(1920x1080) @ 30fps
- 4x Optical / 16x Digital Zoom
- H.265 & MJPEG dual-stream encoding
- 100°/s Pan Speed / 300 Presets
- WDR, Day/Night(ICR), Ultra DNR, Auto Iris, Auto Focus
- **Intelligent Features**
- 2.7~11mm optical zoom lens
- IP66 - Weatherproof
- IK10 - Vandalproof
- OnVif (2.4)
- 128GB Micro SD Slot
- PoE (802.3af) 5W
- Only 4.50” high x 5.25” round

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**KB-KB-300**

PTZ Keyboard & Controller

- Controller for Analog and IP PTZ Cameras
- Controls ClearView DVRs, NVRs, and Video Servers
- RS485, RS422, USB, RS232, and Network Interfaces
- Three Dimensional Joystick Control of PTZ Functions
- Preset Position, Auto Scan, Auto Pan, Auto Tour and Pattern Control
- On-Screen Menu & User Operation Procedure Tips
- Connect to ClearView SmartPSS via USB
IP-PTZ-IR-988
2.0 Megapixel Full Size 20x Optical 300ft IR Range (PTZ) Pan Tilt Zoom

- 2 Megapixel (1920x1080) & 1080P resolution @ 30fps
- 20x Optical / 16x Digital Zoom
- 300 Foot IR Distance
- Support Triple-streams encoding
- 5.5mm ~ 110mm lens
- 50/60fps@720p resolution
- DWDR, Day/Night(ICR), Ultra DNR
- Auto Iris, Auto Focus
- 240°/s pan speed
- 360° endless pan rotation
- 255 presets, 5 auto scan
- 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning
- Audio In/Out
- 128GB Micro SD Slot
- IP66 - Weatherproof
- OnVif (2.4)
- Built In Heater
- 24VAC / 3A Included

Page 38 for optional mounts
**IP-PTZ-889**
2.0 Megapixel Outdoor 12x Optical (PTZ) Pan Tilt Zoom

- 2 Megapixel 1080P IP Camera
- 12x Optical / 16x Digital Zoom
- Support Triple-streams encoding
- 30fps @ 1080P (1920x1080)
- 5.1 ~ 61.2mm lens
- DWDR, Day/Night (ICR), DNR (2D&3D)
- Auto Iris, Auto Focus, AWB, AGC, BLC
- 300°/s pan speed
- 360° continuous pan rotation
- 80 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning
- IP67 - Weatherproof
- Built In Heater
- OnVif (2.4)
- PoE+ (802.3at) - Power Over Ethernet
- 24VAC / 1.5A Included

**IP-PTZ-888**
2.0 Megapixel Outdoor 12x Optical Mini (PTZ) Pan Tilt Zoom

- 2 Megapixel 1080P IP Camera
- 12x Optical / 16x Digital Zoom
- Support Triple-streams encoding
- 30fps@1080P (1920x1080)
- 5.1 ~ 61.2 mm lens
- DWDR, Day/Night (ICR), DNR (2D&3D)
- Auto Iris, Auto Focus, AWB, AGC, BLC
- 300°/s pan speed
- 360° continuous pan rotation
- 80 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning
- IP66 - Weatherproof
- Audio In/Out
- OnVif (2.4)
- PoE (802.3af) - Power Over Ethernet
- 24 VAC / 1.5A Included
WiFi-Kit04
4 Camera 2 Megapixel Complete WiFi Security System Kit

- Easy Installation Plug & Play
- WPS - Easy Wifi Connect
- H.264/MJPEG dual codec decoding
- HDMI / VGA Simultaneous Video Output
- Synchronous real-time playback GRID interface
- ONVIF Version 2.4 conformance
- 3D intelligent positioning with PTZ camera
- Support 1 SATA HD up to 4TB, 2 USB2.0
- WPS one-key add
- 4 qty WiFi-2MP-BL100 2 Megapixel 1080P Cameras
- Includes 1 TB HD

WiFi-NVR-4
4 Channel Wireless WiFi NVR Recorder Supports up to 5MP Cameras

NVR Only
- 4 Channel Recording
- H.264/MJPEG dual codec decoding
- Max 80Mbps incoming bandwidth
- HDMI/VGA simultaneous video output
- Synchronous real-time playback GRID interface
- ONVIF Version 2.4 conformance
- 3D intelligent positioning with PTZ camera
- Support 1 SATA HD up to 4TB, 2 USB2.0
- WPS one-key add
- Includes 1 TB HD
WiFi-3MP-BL100
3.0 Megapixel HD WiFi In/Outdoor Bullet 100ft IR Range

- 1/3” 3 Megapixel progressive CMOS
- H.264 & MJPEG dual-stream encoding
- 20fps @ 3.0MP (2304x1296)
- 30fps @ 2.0 MP (1920x1080)
- DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Wi-Fi support
- 2.8 mm fixed lens
- Max IR LEDs Length 100ft
- IP67 - Weatherproof

WiFi-2MP-D150
2.0 Megapixel HD WiFi with 3.6mm Fixed Lens Indoor Dome

- 2 Megapixel 1/3” Progressive Scan
- 30fps @ 1080P(1920 x1080)
- 3.6mm Fixed Lens
- H.264 & MJPEG dual-stream encoding
- DWDR, Day/Night(ICR), AWB, AGC, BLC
- 12V DC Power Not Included
- Indoor Low Profile: 4.3” x 2” High

WiFi-2MP-D150NV
2.0 Megapixel HD WiFi In/Outdoor Dome with 100ft IR Range

- 2 Megapixel 1/3” Progressive Scan
- 30fps @ 1080P(1920 x1080)
- 3.6mm Fixed Lens
- 90ft IR LEDs range
- H.264 & MJPEG dual-stream encoding
- DWDR, Day/Night(ICR), AWB, AGC, BLC
- IP66 - Weatherproof
- IK10 - Vandalproof
- 12V DC Power Not Included

Commercial Grade
WiFi-2MP-BL100
2.0 Megapixel HD WiFi In/Outdoor Bullet 100ft IR Range

- 2 Megapixel 1/3" Progressive Scan
- 30fps @ 1080P(1920 x1080)
- 3.6mm Fixed Lens
- 90ft IR LEDs range
- H.264 & MJPEG dual-stream encoding
- DWDR, Day/Night(ICR), AWB, AGC, BLC
- IP66 - Weatherproof
- 12V DC Power Not Included

WiFi-2MP-PT
2.0 Megapixel HD WiFi PT 3x Digital with 3.6mm Lens & 50ft IR Range

- 2 Megapixel 1/2.8" Progressive scan
- 30fps @ 1080P(1920 x1080)
- 3.6mm Fixed Lens
- 3x Digital Zoom with Pan Tilt Lens
- 50ft IR LEDs range
- H.264 & MJPEG dual-stream encoding
- Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Built-in Mic
- 12V DC Power Not Included

WiFi-1MP-PT-NV
1.3 Megapixel HD WiFi Pan Tilt Zoom with 3.6mm Fixed Lens

- 1.3 Megapixel
- Max 15fps @ 1.3MP (1280x960) / 30fps @ 1.0 MP
- 3.6mm Pan Tilt Lens
- H.264 & MJPEG dual-stream encoding
- DWDR, Day/Nightvision
- 3DNR, AWB, AGC, BLC
- Auto Iris
- 180° Pan Range
- 90° Tilt Range
- Micro SD Memory Slot
- 5V DC Power Included
- Built in Microphone with Audio

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www.ClearViewCCTV.com
Panther 4.0 Megapixel

- 4 Channel 4.0 Megapixel HD-AVS DVR
- H.265 / H.264 Dual-stream video compression
- Support HDCVI/CVBS video inputs
- Max 6 ch IP camera inputs, up to 5MP per ch
- Max 24Mbps Incoming Bandwidth
- HDMI output up to 4K(3840x2160) resolution
- Smart Search and Intelligent Video System
- 2 SATA Ports
- Supports up to 6TB capacity for each disk
- Includes 1 TB Hard Drive

Panther-04-4M (Tribrid)
4 Ch 4.0 Megapixel HD Quality
Includes 1 TB Hard Drive
(upto 6 Channel 5.0 MP IP Recording)

Panther-08-4M (Tribrid)
8 Ch 4.0 Megapixel HD Quality
Includes 2 TB Hard Drive
(upto 12 Channel 5.0 MP IP Recording)

Panther16-4M (Tribrid)
16 Ch 4.0 Megapixel HD Quality
Includes 4 TB Hard Drive
(upto 24 Channel 5.0 MP IP Recording)

ClearView’s Tribrid technology ensures that you may connect the DVR to HD-AVS, IP and Analog Cameras. This means these DVRs are a perfect solution for upgrading existing systems with the ultra high 4.0 Megapixel Resolution.
**Penta-Brid Recorders**

ClearView’s Tribrid technology ensures that you may connect the DVR to HD-AVS, IP, Analog, TVI and CVI Cameras. This means these DVRs are a perfect solution for upgrading existing systems with the ultra high 5.0 Megapixel Resolution.

**Product Overview**

**Panther5-16** *(Penta-brid)*
- 16 Ch 5.0 Megapixel HD Quality
- Includes 2 TB Hard Drive
- (upto 24 Channel 5.0 MP IP Recording)
- H.265 / H.264 Dual-stream video compression
- Support HD-AVS/IP/HD-TVI/Analog/HD-Analog
- Max 24 ch IP camera inputs, up to 5MP per ch
- Max 96Mbps Incoming Bandwidth
- Smart Search and Intelligent Video System
- 2 SATA Ports
- Supports up to 6TB capacity for each disk
- Includes 2 TB Hard Drive

**Panther5-32** *(Penta-brid)*
- 32 Ch 5.0 Megapixel HD Quality
- Includes 4 TB Hard Drive
- (upto 24 Channel 5.0 MP IP Recording)
- H.265 / H.264 Dual-stream video compression
- Support HD-AVS/IP/HD-TVI/Analog/HD-Analog
- Max 24 ch IP camera inputs, up to 5MP per ch
- Max 96Mbps Incoming Bandwidth
- Smart Search and Intelligent Video System
- 2 SATA Ports
- Supports up to 6TB capacity for each disk
- Includes 4 TB Hard Drive
HD-AVS Technology

HD Via Coax Real-Time Recording

Our Panther series recorders and cameras enable true 1080P/720P HD video, audio and control signal via standard coaxial cable. Allowing reliable long-distance HD transmission at lower cost, using an advanced video transmission technology known as HD-AVS.

Panther Economy

- 1.3 MP/720p @ 30fps View & Recording
- 2 Channels of IP Recording 2 MP/1080p @ 15fps
- H.264 dual-stream video compression
- HDMI / VGA simultaneous video output
- 1 Ch Audio In/Output
- PTZ Control Over Coax
- ONVIF Version 2.4 conformance
- No Alarm Integration
- Support 1 SATA HD up to 6TB, 2 USB2.0

Panther HD-AVS Recorders

- HD-AVS Technology
- Tribrid

Connecting All Cameras with One Box

ClearView’s Tribrid technology ensures that you may connect the DVR to HD-AVS, IP and Analog Cameras. These DVRs are a perfect solution for upgrading an existing system while adding High Resolution HD recording capabilities.

Tribrid HD Recorders

HD-AVS + IP + Analog Cameras = Tribrid HD Recorder

Panther-04E-TRI (Tribrid)
- 4 Ch 720P HD Quality Real-Time @ 30fps
- Includes 1 TB Hard Drive
- (2 Channel 2MP IP Recording)

Panther-08E-TRI (Tribrid)
- 8 Ch 720P HD Quality Real-Time @ 30fps
- Includes 1 TB Hard Drive
- (2 Channel 2MP IP Recording)

Panther-08-TRI (Tribrid)
- 8 Ch 720p HD Quality Real-Time @ 30fps
- Includes 1 TB Hard Drive
- (2 HD Bays + Alarm & PTZ Ports)

Panther-16-TRI (Tribrid)
- 16 Ch 720p HD Quality Real-Time @ 30fps
- Includes 2 TB Hard Drive
- (2 HD Bays + Alarm & PTZ Ports)
Panther High Performance

8 Channels of Trbrid Tech

- 2.0 MP/1080p @ 30fps View & Recording
- Support HD-AVS / Analog / 2ch IP Video
- H.264 dual-stream video compression
- HDMI/VGA simultaneous video output
- All channel synchronous realtime playback
- GRID interface & smart search
- 8 Alarm In / 1 Alarm Outputs
- 4 Audio In/ 1 Audio Out
- ONVIF Version 2.4 conformance
- Support 2 SATA HDs up to 12TB, 2 USB2.0
- 1 U Case
- 3D intelligent PTZ positioning

Product Overview
Panther-08HP-TRI (Tribrid)
8 Ch 1080P HD Quality @ 30fps
Includes 1 TB Hard Drive

Access Anywhere

Panther-08HP-TRI
8 Ch 1080P HD Quality @ 30fps
Includes 1 TB Hard Drive

32 Channels of Trbrid Tech

- 2.0 MP/1080p @ 15fps View & Recording
- 1.3 MP/720p @ 30fps View & Recording
- Support HD-AVS / Analog / 32ch IP Video
- H.264 dual-stream video
- 2 HDMI / 1 VGA simultaneous output
- Synchronous realtime playback
- GRID interface & smart search
- 16 Alarm In / 1 Alarm Outputs
- 4 Audio In/ 1 Audio Out
- Microphone In/Out
- E-Sata Port
- Composite Video Output
- ONVIF Version 2.4 conformance
- Support 4 SATA HD up to 24TB
- 1.5 U Case
- 3D intelligent PTZ positioning

Product Overview
Panther-32-TRI (Tribrid)
32 Ch 1080P HD Quality Real-Time @ 30fps
Includes 4 TB Hard Drive

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Complete High Performance Kits

PantherView5-16-08D

Everything in one box...

- 16 Channel 1080P Digital Video Recorder
- Up to 8 Channels IP at 5 MegaPixel
- 96Mbps IP Incoming Bandwidth
- Penta-brid with HD-AVS, Analog, HD Analog, IP, TVI, CVI
- “Works with five most popular security cameras”
- H.265/H.264 Dual-stream video compression
- Embedded Linux processor
- Smart Search and Intelligent Video System
- 8 qty 2.0 MP HD-AVS IR Eyeball Camera - HD2-LDR
- 165ft IR Night Vision Cameras
- All metal camera bracket and housing
- 1 SATA port up to 6TB
- Includes: 2 TB Drive supports up to 6TBs

Great Way To Upgrade To HD
The Penta-brid allows you to use this system with the most popular security cameras on the market. Upgrade your existing 8 cameras to 16 cameras by connect this HD DVR to your existing IP, HD Analog, Analog, TVI or CVI cameras.
PantherView04HD-4B-Tri

Everything in one box...
- 4 Channel 720P HD DVR
- 4 HD1-BL21 720P HD-AVS Cameras
- Tribrid - Works with HD-AVS, 2 Ch IP & Analog
- H.264 dual-stream video compression
- HDMI / VGA simultaneous video output
- Synchronous realtime playback, GRID interface & smart search
- 3D intelligent positioning with our PTZ cameras
- Support 1 SATA HD up to 6TB, 2 USB2.0
- Includes 1TB Drive, Mouse
- Retail Packaging
- Includes cables and power supplies

Pantherview08HD-8B-Kit

Everything in one box...
- 8 Channel 1080P HD Recording
- HD-AVS Technology
- 8 qty HD 1080P HD-AVS Bullet Cameras
- H.264 dual-stream video compression
- HDMI / VGA simultaneous video output
- 3D intelligent positioning with our PTZ
- Support 1 SATA HD up to 4TB, 2 USB2.0
- 1 TB Drive, Mouse
- Includes cables and power supplies
Panther Complete Kits

PantherView08-720-4D4B-Kit
Everything in one box...

- 8 Channel 720P HD Recording
- HD-AVS Technology
- 4 qty HD 720P HD-AVS Bullet Cameras
- 4 qty HD 720P HD-AVS Dome Cameras
- H.264 dual-stream video compression
- HDMI / VGA simultaneous video output
- 3D intelligent positioning with our PTZ
- Support 1 SATA HD up to 4TB, 2 USB2.0
- 1 TB Drive, Mouse
- Includes cables and power supplies

PantherView08-8B-720-Kit
Everything in one box...

- 8 Channel 720P HD Recording
- HD-AVS Technology
- 8 qty HD 720P HD-AVS Bullet Cameras
- H.264 dual-stream video compression
- HDMI / VGA simultaneous video output
- 3D intelligent positioning with our PTZ
- Support 1 SATA HD up to 4TB, 2 USB2.0
- 1 TB Drive, Mouse
- Includes cables and power supplies
HD4-B150
4.0 Megapixel Bullet 3.6mm 265ft Night Vision Smart IR WDR

- 4.0 Megapixel
- 120dB True WDR, 3DNR
- HD and SD dual-output
- 3.6mm fixed lens
- 265ft Smart IR Nightvision Range
- IP67 - Weatherproof
- 12V DC Power

HD4-B100
4.0 Megapixel Bullet 2.8mm 100ft Night Vision Smart IR WDR

- 4.0 Megapixel
- 120dB True WDR, 3DNR
- HD and SD dual-output
- 2.8mm fixed lens
- 100ft Smart IR Nightvision Range
- IP67 - Weatherproof
- 12V DC Power
HD4-D250
4.0 Megapixel Turret Dome 2.8mm 165ft Night Vision Smart IR WDR

- 4.0 Megapixel
- 120dB True WDR, 3DNR
- HD and SD dual-output
- 2.8mm fixed lens
- 165ft Smart IR Nightvision Range
- IP67 - Weatherproof
- 12V DC Power

HD4-D200
4.0 Megapixel Turret Dome 2.8mm 100ft Night Vision Smart IR WDR

- 4.0 Megapixel
- 120dB True WDR, 3DNR
- HD and SD dual-output
- 2.8mm fixed lens
- 100ft Smart IR Range Night Vision
- IP67 - Weatherproof
- 12V DC Power
HD2-B27-MS
2.0 Megapixel Bullet 2.7~12mm 328ft Starlight Smart IR WDR

- 2.0 Megapixel
- Starlight Low Light 0.005 Lux/F1.4 (IR Off)
- 120dB true WDR, 3DNR
- Max 30fps@1080P
- HD and SD dual-output
- 2.7-12mm motorized lens
- 328ft Smart IR Range
- IP67 - Weatherproof
- IK10 - Vandalproof
- Dual Voltage - AC24V/DC12V
- Heater Included

HD2-VD27-MS
2.0 Megapixel Turret Dome 2.7mm 100ft Night Vision Smart IR WDR

- 1/2.8” 2.1 Megapixel CMOS
- 25/30fps@1080P, 60fps@720P
- HD and SD dual-output
- OSD Menu, control over coaxial cable
- 120dB True WDR, Day/Night(ICR)
- AWB, AGC, BLC, 3DNR
- Audio, Alarm
- 2.7~12mm motorized lens, Auto Iris
- 165ft Smart IR Range
- IP67 - Weatherproof
- IK10 - Vandalproof
- Dual Voltage - AC24V/DC12V
HD2-B27-M

2.5 Megapixel 2.7~12mm Motorized Zoom & 150ft Smart IR

- 2.5 Megapixel
- 30fps @ 1080P(1920 x1080)
- 2.7~12mm Zoom by Remote Control
- 150ft IR LEDs range
- Works with HD-AVS or Analog Systems
- DWDR, Day/Night(ICR)
- 3D-DNR, AWB, AGC, BLC
- Mic Audio 1 Channel Input
- IP67 - Weatherproof
- Dual Voltage 24VAC / 12V DC Power

HD2-D27-M

2.5 Megapixel 2.7~12mm Motorized Zoom & 100ft IR Range

- 2.5 Megapixel
- 30fps @ 1080P(1920 x1080)
- 2.7~12mm Zoom by Remote Control
- 100ft IR LEDs range
- Works with HD-AVS or Analog Systems
- DWDR, Day/Night(ICR), 3D-DNR, AWB, AGC, BLC
- OSD Menu, control over coax cable
- IP67 - Weatherproof
- IK10 - Vandalproof
- 12V DC Power

HD2-VD27-M

2.5 Megapixel 2.7~12mm Motorized Zoom & 160ft IR Range

- 2.5 Megapixel
- 30fps @ 1080P(1920 x1080)
- 2.7~12mm Zoom by Remote Control
- 160ft IR LEDs range
- Works with HD-AVS or Analog Systems
- DWDR, Day/Night(ICR), 3D-DNR, AWB, AGC, BLC
- OSD Menu, control over coax cable
- IP67 - Weatherproof
- IK10 - Vandalproof
- Dual 24V AC or 12V DC Power

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HD2-B27

2.0 Megapixel Bullet 2.7~12mm with 100ft Smart IR Night-Vision

- 2 Megapixel
- 30fps @ 1080P (1920 x 1080)
- 2.7~12mm Manual Zoom
- Works with HD-AVS or Analog Systems
- 100ft IR LEDs range
- High speed, long distance real-time transmission
- Day/Night(ICR), AWB, AGC, BLC
- IP67 - Waterproof
- 12V DC Power

HD2-TD20A

2.1 Megapixel Dome 3.6mm 100ft Night Vision Smart IR WDR

- 1/2.7” 2.1Megapixel CMOS
- 30fps @ 1080P, 60fps@720P
- High speed, long distance real-time transmission
- HD and SD dual-output
- OSD Menu, control over coaxial cable
- WDR (120dB), Day/Night(ICR), AWB, AGC, BLC, 3DNR
- 3.6mm fixed lens
- 100ft Smart IR Range
- IP67 - Weatherproof
- DC12V

HD2-BL20

2.0 Megapixel In / Outdoor Bullet 65ft IR Night-Vision Weatherproof

- 2.0 Megapixel
- 30 fps @ 1080P
- OSD Menu, control over coaxial cable
- Day/Night(ICR), AWB
- AGC, BLC, 3D-DNR
- 3.6mm fixed lens
- Smart IR 65ft Range
- IP67 - Weatherproof
- 12V DC Power
HD2-B50
2.0 Megapixel In / Outdoor 150ft IR Array Night-Vision Weatherproof

- 2.0 Megapixel Aptina
- 30 fps @ 1080P
- OSD Menu, control over coaxial cable
- Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 3.6 mm Lens
- Smart IR 150ft Range
- IP67 Weatherproof
- 12V DC Power

ADD ONS
Page 38 for optional mounts

HD2-B30
2.0 Megapixel In / Outdoor Bullet 100ft IR Array Weatherproof

- 2.0 Megapixel Aptina
- 30 fps @ 1080P
- H.264 & MJPEG dual-stream encoding
- DWDR, Day/Night(ICR), 2DNR, AWB, AGC, BLC
- OSD Menu, control over coaxial cable
- 3.6mm fixed Lens
- Smart IR 100ft Range
- IP67 - Weatherproof
- 12V DC Power

ADD ONS
Page 38 for optional mounts

HD2-TD27A
2.0 Megapixel Bullet 2.7~12mm Motorized 100ft Night Vision Smart

- 2.0 Megapixel
- DWDR, BLC, HLC, AGC
- Max 30fps@1080P
- 2.7~12mm motorized lens
- 100ft Smart IR Range
- IP67 - Weatherproof
- DC12V

ADD ONS
Page 38 for optional mounts
**HD1-B50**
1.3 Megapixel In/Outdoor 150ft IR Array Night-Vision Weatherproof

- 1.3 Megapixel Aptina
- 30fps @ 720P
- Day/Night(ICR), AWB
- AGC, BLC, 3D-DNR
- 3.6 mm Lens
- Smart IR 150ft Range
- IP67 - Weatherproof
- 12VDC

**ADD ONS**
Page 38 for optional mounts

**BRACKET**
INCLUDED

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**HD1-B30**
1.3 Megapixel In/Outdoor Bullet 100ft IR Array Weatherproof

- 1.3 Megapixel Aptina
- 30fps @ 720P
- H.264 & MJPEG dual-stream encoding
- DWDR, Day/Night(ICR), 2DNR, AWB
- AGC, BLC
- 3.6mm fixed Lens
- Smart IR 100ft Range
- IP66 Weatherproof
- 12V DC Power

**ADD ONS**
Page 38 for optional mounts

**BRACKET**
INCLUDED

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**HD1-TD27**
1.0 Megapixel 2.7~12mm with 100ft Smart IR Night-Vision

- 1 Megapixel
- 30fps @ 720P
- 2.7~12mm vari-focal lens
- 100ft IR LEDs range
- H.264 & MJPEG dual-stream encoding
- DWDR, Day/Night(ICR)
- 3DNR, AWB, AGC, BLC
- IP66 - Weatherproof
- 12V DC Power

**ADD ONS**
Page 38 for optional mounts
**HD1-TD20**

1.3 Megapixel In / Outdoor Dome 65ft IR Night-Vision Weather Proof

- 1.3 Megapixel
- 30 fps @ 720P
- OSD Menu, control over coaxial cable
- Day/Night(ICR), AWB
- AGC, BLC, 3D-DNR
- 3.6mm fixed lens
- Smart IR 65ft Range
- IP67 - Weatherproof
- 12V DC Power

**HD1-BL20**

1.3 Megapixel In / Outdoor Bullet 65ft IR Night-Vision Weather Proof

- 1.3 Megapixel
- 30fps @ 720P
- OSD Menu, control over coaxial cable
- Day/Night(ICR), AWB
- AGC, BLC, 3D-DNR
- 3.6mm fixed lens
- Smart IR 65ft Range
- IP67 - Weatherproof
- 12V DC Power

**HD1-BL21-4CamKit**

1.3 Megapixel In / Outdoor Bullet 60ft IR Night-Vision Weather Proof

- 1.3 Megapixel
- 30fps @ 720P
- Day/Night(ICR), AWB
- AGC, BLC, 2D-DNR
- 3.6mm fixed lens
- Smart IR 60ft Range
- IP67 - Weatherproof Metal Housing
- 12V DC Power

*Installers Pack of 4 Bundle Savings “4th Camera in Kit is Free”*
HD2-PTZ-4
2.0 Megapixel 1080P HD-AVS 4x PTZ - Pan Tilt Zoom Camera

- 1/2.7" 2.0Megapixel CMOS
- 30fps@1080P / 60fps@720P
- Powerful 4x Optical Zoom
- WDR(120dB), AWB, AGC, BLC, 3DNR
- 2.7mm ~ 11mm lens
- IP66 - Weather Resistant
- IK10 - Vandalproof
- DC12V / 1.5A

HD2-LDR
2.0 Megapixel Dome 165ft Night Vision Smart IR

- 2.0 Megapixel
- 0.02 Lux/F2.0 & 0 Lux with IR
- 3.6mm fixed lens
- 165ft Smart IR Nightvision Range
- IP67 - Weatherproof
- 12V DC Power

HD2-WD20
2.1 Megapixel 1080P HD-AVS WDR IR Wedge Dome Camera

- 1/2.7” 2.1 Megapixel CMOS
- 30fps@1080P / 60fps@720P
- High speed, long distance real-time transmission
- OSD Menu, control over coaxial cable
- Built-in MIC
- WDR(120dB), AWB, AGC, BLC, 3DNR
- 3.6mm fixed lens
- 0.03Lux/F2.0, 0Lux IR on
- 65ft Smart IR Range
- IP67 - Weatherproof
- IK10 - Vandalproof
- DC12V

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AVS-PTZ-HD1-20X-IR
1.3 Megapixel (PTZ) Pan Tilt Zoom 20x Optical & 300ft IR Night-Vision

- 1.3 Megapixel 720P resolution @ 30fps
- 300 Foot IR Distance
- 20x Optical / 16x Digital Zoom
- 5.5mm ~ 110mm lens
- DWDR - Digital Wide Dynamic Range
- Ultra DNR / Auto Iris / Auto Focus
- 240°/s pan speed
- 360° endless pan rotation
- 255 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning
- OSD - On Screen Display
- No extra RS-485 communications wire needed
- IP66 - Weatherproof
- Built in Heater
- 24VAC / 3A Included

HD2-PTZ-20X-IR
2.0 Megapixel (PTZ) HD-AVS Pan Tilt Zoom 20x Optical Camera

- 2.0 Megapixel 1080P @ 30fps HD-AVS Camera
- 20x Optical / 16x Digital Zoom
- 4.7mm~94mm Lens
- DWDR - Digital Wide Dynamic Range
- Ultra DNR / Auto Iris / Auto Focus
- 240°/s pan speed
- 360° endless pan rotation
- 300 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning
- OSD - On Screen Display
- No extra RS-485 communications wire needed
- IP66 - Weatherproof
- Built in Heater
- 24VAC / 3A Included
AVS-PTZ-HD2-W
2.0 Megapixel (PTZ) Pan Tilt Zoom 12x Optical Wall Mount

- 2 Megapixel 1080P HD-AVS Camera
- 12x Optical / 16x Digital Zoom
- 30fps @ 1080P resolution
- 5.1mm ~ 61.2mm lens
- DWDR, Day/Night (ICR), DNR (2D&3D)
- Auto Iris, Auto Focus, AWB, AGC, BLC
- 300°/s pan speed
- 360° continuous pan rotation
- 255 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning
- IP66 - Weatherproof
- Built in Heater
- 24 VAC / 1.5A Included

AVS-PTZ-HD2-C
2.0 Megapixel (PTZ) Pan Tilt Zoom 12x Optical Ceiling Mount

- 2 Megapixel 1080P HD-AVS Camera
- 12x Optical / 16x Digital Zoom
- 30fps@1080P resolution
- 5.1mm ~ 61.2mm lens
- DWDR, Day/Night (ICR), DNR (2D&3D)
- Auto Iris, Auto Focus, AWB, AGC, BLC
- 300°/s pan speed
- 360° continuous pan rotation
- 255 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Audio In/Out
- Support intelligent 3D positioning
- IP66 - Weatherproof
- IK10 - Vandalproof
- Power Adapter Included
- 24 VAC / 1.5A Included
HD-PTZ-20X
1.0 Megapixel (PTZ) Pan Tilt Zoom 20x Optical

- 1 Megapixel 720P @ 30fps HD-AVS Camera
- 20x Optical / 16x Digital Zoom
- 4.7mm~94mm lens
- DWDR - Digital Wide Dynamic Range
- Ultra DNR / Auto Iris / Auto Focus
- 300°/s pan speed
- 360° endless pan rotation
- 255 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning
- OSD - On Screen Display
- No extra RS-485 communications wire needed
- IP66 - Weatherproof
- Built in Heater
- 24VAC / 3A Included

HD-PTZ-12X-R
1.0 Megapixel (PTZ) Pan Tilt Zoom 12x Optical Recessed Mount

- 1 Megapixel 720P @ 30fps HD-AVS Camera
- 12x Optical / 16x Digital Zoom
- 30fps@1080P resolution
- 5.1mm ~ 61.2mm Lens
- DWDR, Day/Night (ICR), DNR (2D&3D)
- Auto Iris, Auto Focus, AWB, AGC, BLC
- 300°/s pan speed
- 360° continuous pan rotation
- 255 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning
- Power Adapter Included
- 24 VAC / 1.5A Included
**HD-PTZ-12X-W**

1.0 Megapixel (PTZ) Pan Tilt Zoom 12x Optical Wall Mount

- 1 Megapixel 720P @ 30fps HD-AVS Camera
- 12x Optical / 16x Digital Zoom
- 30fps @ 1080P resolution
- 5.1mm ~ 61.2mm Lens
- DWDR, Day/Night (ICR), DNR (2D&3D)
- Auto Iris, Auto Focus, AWB, AGC, BLC
- 300°/s pan speed
- 360° continuous pan rotation
- 255 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning
- IP66 - Weatherproof
- Built in Heater
- 24 VAC / 1.5A Included

**HD-PTZ-12X-C**

1.0 Megapixel (PTZ) Pan Tilt Zoom 12x Optical Ceiling Mount

- 1 Megapixel 720P @ 30fps HD-AVS Camera
- 12x Optical / 16x Digital Zoom
- 30fps@1080P resolution
- 5.1mm ~ 61.2mm Lens
- DWDR, Day/Night (ICR), DNR (2D&3D)
- Auto Iris, Auto Focus, AWB, AGC, BLC
- 300°/s pan speed
- 360° continuous pan rotation
- 255 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Audio In/Out
- Support intelligent 3D positioning
- IP66 - Weatherproof
- IK10 - Vandalproof
- Power Adapter Included
### IP & WiFi Recorder Comparison Chart

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<tr>
<th>Phoenix 32HP</th>
<th>Phoenix Plus-08</th>
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<th>Phoenix 16-8P</th>
<th>Phoenix View 04B 04IP94</th>
<th>Phoenix View Plus 08-4D</th>
<th>WiFi Kit04</th>
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- **Channels**: 32ch, 8ch, 8ch, 16ch, 16ch, 4ch, 4ch, 8ch, 4ch
- **Resolution**: 12MP, 4MP, 4MP, 5MP, 2MP, 3MP, 4MP, 2MP, 2MP
- **Dome Cams**: na, na, na, na, na, 4 - 720P, na, 2MP, na
- **Bullet Cams**: na, na, na, na, na, 4 - 3MP, na, 2MP
- **Record @ 30fps**: 32ch @1080P, 8ch @1080P, 2ch @4MP, 8ch @1080P, 4ch @4MP, 16ch @1080P, 4ch @4MP
- **Record @ 15fps**: 32ch @1080P, 8ch @1080P, 2ch @4MP, 8ch @1080P, 4ch @4MP, 16ch @1080P, 16ch @4MP
- **PoE**: 16@25Per Port, 8, 8, 16, 4, 8
- **Bandwidth**: 256, 80, 80, 200, 80, x, 80, 480Mbps, 32Mbps
- **Included Storage**: 4TB, 1TB, 1TB, 2TB, 1TB, 1TB, 1TB, 1TB, 1TB
- **Max Storage**: 24TB, 6TB, 6TB, 16TB, 6TB, 6TB, 6TB, 4TB, 4TB
- **H.265**: n, n, n, n, n, n, n, n, n
- **H.264**: n, n, n, n, n, n, n, n, n
- **MJPEG**: n, n, n, n, n, n, n, n, n
- **MPEG4**: n, n, n, n, n, n, n, n, n
- **HD SATA Bays**: 4, 1, 1, 2, 1, 1, 1, 1, 1
- **eSATA Port**: 1
- **Multiple Ch Playback**: n
- **Intrusion Detection**: n
- **Tripwire**: n
- **Two Way Talk**: n
- **Audio**: 1, 1, 1, 1, 1, 1, 1, 1, 1
- **Fisheye Dewarp Tech**: n
- **P2P**: n
- **Alarm Input**: 16, 4, 4, 2, 1, 1, 1, 1, 1
- **Alarm Output**: 6, 3, 3
- **RS232**: 1
- **RS485**: 1
- **Ethernet**: 2 Gbps, 100Mbps, 100Mbps, 100Mbps, 100Mbps, 100Mbps, 100Mbps, 100Mbps, 100Mbps
- **WiFi**: WiFi, WiFi, WiFi
- **Rack Mount**: 1.5 U, Smart 1U, Smart 1U, Smart 1U, Smart 1U, Smart 1U, Smart 1U, Smart 1U, Smart 1U
- **HDMI**: n, n, n, n, n, n, n, n, n
- **VGA**: n, n, n, n, n, n, n, n, n
- **BNC**: n
- **USB Rear**: 2 - 3.0, 2 - 2.0, 2 - 2.0, 1 - 3.0, 1 - 2.0, 1 - 2.0, 2 - 2.0, 2 - 2.0, 2 - 2.0

**Notes:**
- Phoenix View 04B 04IP94 includes WiFi Kit04 and WiFi NVR-4.

[31x22]40 www.ClearViewCCTV.com | sales@clearviewcctv.com | 855-248-7888
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<th>Megapixel</th>
<th>Power</th>
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<th>Alarm/Inputs</th>
<th>IR Range</th>
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The table above lists various IP cameras along with their specifications.
## HD-AVS Cameras Comparison Chart

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### KB-KB-300

**PTZ Keyboard & Controller**

- Controller for Analog and IP PTZ Cameras
- Controls ClearView DVRs, NVRs, and Video Servers
- RS485, RS422, USB, RS232, and Network Interfaces
- Three Dimensional Joystick Control of PTZ Functions
- Preset Position, Auto Scan, Auto Pan, Auto Tour and Pattern Control
- On-Screen Menu & User Operation Procedure Tips
- Connect to ClearView SmartPSS via USB

### MNT-BOX 2

**Large PTZ Junction Box**

- Aluminum & SECC Built Tuff
- 11.7” x 9.8” x 4.2”
- M20 Pipe Thread
- -40°F ~140°F 0~90% RH
- 17.64lbs Load Bearing
- 3.75lbs Weight
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<td>HD1-BL21-4CAMKIT</td>
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<td>HD2-WD20</td>
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<td>HD2-LDR</td>
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## HD-AVS Recorder Comparison Chart

<table>
<thead>
<tr>
<th>Model</th>
<th>Channels</th>
<th>Resolution</th>
<th>Included Storage</th>
<th>Record @ 30fps</th>
<th>Record @ 15fps</th>
<th>IP Recording</th>
<th>POE</th>
<th>Record on HD-AVS</th>
<th>Bullet Cams</th>
<th>Dome Cams</th>
<th>Resolution</th>
<th>Included Storage</th>
<th>Record on HD-AVS</th>
<th>Bullet Cams</th>
<th>Dome Cams</th>
<th>Record on HD-AVS</th>
<th>Included Storage</th>
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<tbody>
<tr>
<td>PantherView 5-16-08D</td>
<td>16ch</td>
<td>1080P</td>
<td>2TB</td>
<td>24Ch</td>
<td>12Ch</td>
<td>8Ch</td>
<td>5MP</td>
<td>8 - 1080P</td>
<td>4 - 720P</td>
<td>720P</td>
<td>4Ch</td>
<td>128GB</td>
<td>8 - 1080P</td>
<td>2Ch</td>
<td>5MP</td>
<td>8 - 1080P</td>
<td>4 - 720P</td>
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<tr>
<td>PantherView 04HD-4B-Tri</td>
<td>4Ch</td>
<td>1080P</td>
<td>6TB</td>
<td>3Ch</td>
<td>2Ch</td>
<td>1Ch</td>
<td>5MP</td>
<td>160GB</td>
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<td>1080P</td>
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<td>1Ch</td>
<td>5MP</td>
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<tr>
<td>PantherView 08HD-8B-Kit</td>
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<td>4TB</td>
<td>4Ch</td>
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<tr>
<td>PantherView 08-8B-720-Kit</td>
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<td>2Ch</td>
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<td>1080P</td>
<td>2Ch</td>
<td>5MP</td>
<td>256GB</td>
<td>1080P</td>
</tr>
</tbody>
</table>

### Seven Year Warranty
ClearView CCTV products are professional quality equipment, and we stand behind our products with a 7 Year Warranty. ClearView CCTV will replace, or at its sole discretion repair without charge, any DVR (Digital Video Recorder), NVR (Network Video Recorder) Camera or accessory proved defective in material, workmanship or operation for a period of seven (7) years, subject to warranty conditions and exceptions. If during the warranty period, we cannot repair your product, we will replace the product with a working product of the same model, or if the same model is not available, with a comparable product.

### Free Lifetime Support
Our commitment to support is unmatched in the industry and we stand behind our products by offering that support for the lifetime of the product. This ensures that our US based call center has a real person to answer any installation or usage questions. We also offer support for the products on our websites so that individuals can get the latest software updates, manuals, video tutorials and assistance they may need.
|         | Channels |        |        |        | Resolution |        |        |        |        |        | IP Recording | Record @ 15fps | Record @ 30fps | PoE | Bullet Cams | Dome Cams | Bullet Cams | Dome Cams | Bullet Cams | Dome Cams | Bullet Cams | Dome Cams |
|---------|----------|--------|--------|--------|------------|--------|--------|--------|--------|--------|--------------|----------------|----------------|-----|-------------|-----------|-------------|-----------|-------------|-----------|
| Panther-04E-Tri | 2-20 | 100Mbps | 100Mbps | 100Mbps | 100Mbps | 1TB | 1TB | 1TB | 1TB | 1TB | 1TB | 1TB | 1TB | 1TB | 1TB | 1TB | 1TB | 1TB | 1TB | 1TB | 1TB | 1TB |
| Panther-08E-Tri | 2-20 | 100Mbps | 100Mbps | 100Mbps | 100Mbps | 1TB | 1TB | 1TB | 1TB | 1TB | 1TB | 1TB | 1TB | 1TB | 1TB | 1TB | 1TB | 1TB | 1TB | 1TB | 1TB |
| Panther-08-Tri | 2-20 | 100Mbps | 100Mbps | 100Mbps | 100Mbps | 2TB | 2TB | 2TB | 2TB | 2TB | 2TB | 2TB | 2TB | 2TB | 2TB | 2TB | 2TB | 2TB | 2TB | 2TB | 2TB |
| Panther-16-Tri | 2-20 | 100Mbps | 100Mbps | 100Mbps | 100Mbps | 4TB | 4TB | 4TB | 4TB | 4TB | 4TB | 4TB | 4TB | 4TB | 4TB | 4TB | 4TB | 4TB | 4TB | 4TB | 4TB |
| Panther-08HP-Tri | 2-20 | 100Mbps | 100Mbps | 100Mbps | 100Mbps | 4TB | 4TB | 4TB | 4TB | 4TB | 4TB | 4TB | 4TB | 4TB | 4TB | 4TB | 4TB | 4TB | 4TB | 4TB | 4TB |
| Panther-32-Tri | 2-20 | 100Mbps | 100Mbps | 100Mbps | 100Mbps | 8TB | 8TB | 8TB | 8TB | 8TB | 8TB | 8TB | 8TB | 8TB | 8TB | 8TB | 8TB | 8TB | 8TB | 8TB | 8TB |
| Panther-4-4M | 2-20 | 100Mbps | 100Mbps | 100Mbps | 100Mbps | 16TB | 16TB | 16TB | 16TB | 16TB | 16TB | 16TB | 16TB | 16TB | 16TB | 16TB | 16TB | 16TB | 16TB | 16TB | 16TB |
| Panther-8-4M | 2-20 | 100Mbps | 100Mbps | 100Mbps | 100Mbps | 32TB | 32TB | 32TB | 32TB | 32TB | 32TB | 32TB | 32TB | 32TB | 32TB | 32TB | 32TB | 32TB | 32TB | 32TB | 32TB |
| Panther-16-4M | 2-20 | 100Mbps | 100Mbps | 100Mbps | 100Mbps | 64TB | 64TB | 64TB | 64TB | 64TB | 64TB | 64TB | 64TB | 64TB | 64TB | 64TB | 64TB | 64TB | 64TB | 64TB | 64TB |
| Panther-04E-Tri | 1-20 | 100Mbps | 100Mbps | 100Mbps | 100Mbps | 2TB | 2TB | 2TB | 2TB | 2TB | 2TB | 2TB | 2TB | 2TB | 2TB | 2TB | 2TB | 2TB | 2TB | 2TB | 2TB |
| Panther-08E-Tri | 1-20 | 100Mbps | 100Mbps | 100Mbps | 100Mbps | 4TB | 4TB | 4TB | 4TB | 4TB | 4TB | 4TB | 4TB | 4TB | 4TB | 4TB | 4TB | 4TB | 4TB | 4TB | 4TB |
| Panther-08-Tri | 1-20 | 100Mbps | 100Mbps | 100Mbps | 100Mbps | 8TB | 8TB | 8TB | 8TB | 8TB | 8TB | 8TB | 8TB | 8TB | 8TB | 8TB | 8TB | 8TB | 8TB | 8TB | 8TB |
| Panther-16-Tri | 1-20 | 100Mbps | 100Mbps | 100Mbps | 100Mbps | 16TB | 16TB | 16TB | 16TB | 16TB | 16TB | 16TB | 16TB | 16TB | 16TB | 16TB | 16TB | 16TB | 16TB | 16TB | 16TB |
| Panther-08HP-Tri | 1-20 | 100Mbps | 100Mbps | 100Mbps | 100Mbps | 32TB | 32TB | 32TB | 32TB | 32TB | 32TB | 32TB | 32TB | 32TB | 32TB | 32TB | 32TB | 32TB | 32TB | 32TB | 32TB |
| Panther-32-Tri | 1-20 | 100Mbps | 100Mbps | 100Mbps | 100Mbps | 64TB | 64TB | 64TB | 64TB | 64TB | 64TB | 64TB | 64TB | 64TB | 64TB | 64TB | 64TB | 64TB | 64TB | 64TB | 64TB |
DashCam
Mobile Camera Mounted Recorder for Vehicles

Protect yourself and your passengers from harassment, false claims, insurance fraud and more. Having video while driving has never been more important. Clearview Dash Cameras are a must have for any driver.

- 1080P HD Resolution
- 160 degree lens
- Built-in Mic
- Micro SD Slot
- Optional WiFi, Bluetooth, & GPS
- 1 Year Warranty
- Suction mount included

IC-TV
HDMI TV up to 16 Channel Display - WiFi Spot Monitor

Add the IC-TV to any TV to convert all HDMI televisions to a wireless spot monitor. No wires needed, connect to wifi network.

- Micro SD Slot, Expand your memory up to 32GB
- 8GB Storage
- Build in Web Browser
- Android OS 4.0
- Wall Power Adapter
- Media Streaming
- Google Play Store Access
- ICRSS Pro built in
ClearView Cloud

The road ahead has a ClearView

- Offer your customers the security of off-site redundancy backup
- In the event of a disaster your data is safe in the cloud
- Compatible with all systems Analog, HD-AVS & IP that we currently sell
- No NVR NEEDED when using IP cameras

- Secure off-site storage
- Access recorded video on smart devices
- Add cameras as needed
- Recurring revenue opportunity
- Affordable pricing
- Offsite cloud redundancy
- Works with any ClearView product

www.ICMYCLOUD.com allows dealers to add value to their client’s security system. With our new cloud storage solution, reselling surveillance storage creates a recurring revenue stream for our dealers. This service can also lower the overall cost of a project, making it very attractive to clients on a budget. It can replace traditional recorders and cameras can be added as they are needed. www.ICMYCLOUD.com is a modern, scalable solution.

<table>
<thead>
<tr>
<th>7 Days</th>
<th>15 Days</th>
<th>30 Days</th>
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<tbody>
<tr>
<td><strong>168</strong> hours full cloud recording</td>
<td><strong>360</strong> hours full cloud recording</td>
<td><strong>720</strong> hours full cloud recording</td>
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<td><strong>10k</strong> high resolution snapshots</td>
<td><strong>21k</strong> high resolution snapshots</td>
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<tr>
<td><strong>24/7</strong> Live Video</td>
<td><strong>24/7</strong> Live Video</td>
<td><strong>24/7</strong> Live Video</td>
</tr>
<tr>
<td><strong>UNLIMITED</strong> alerts</td>
<td><strong>UNLIMITED</strong> alerts</td>
<td><strong>UNLIMITED</strong> alerts</td>
</tr>
<tr>
<td><strong>$7.99</strong>/month</td>
<td><strong>$13.99</strong>/month</td>
<td><strong>$23.99</strong>/month</td>
</tr>
</tbody>
</table>

www.ClearViewCCTV.com
MNT-BOX 2
Large PTZ Junction Box

- Aluminum & SECC Built Tuff
- 11.7” x 9.8” x 4.2”
- M20 Pipe Thread
- -40ºF ~140ºF 0~90% RH
- 17.64lbs Load Bearing
- 3.75lbs Weight

Cable-Jumper60-2
60° All-in-One BNC Video/Power

500ft RG59 Siamese
RG59 Siamese Coax cable with 2/18 gage power
- Cable-500B 500ft Black
- Cable-500W 500ft White

1,000ft RG59 Siamese
RG59 Siamese Coax cable with 2/18 gage power
- Cable-1000B 1,000ft Black
- Cable-1000W 1,000ft White

Ethernet100
100° of Ethernet Cable

PWR-SPIDER-4/8
4 Port DC Power Splitters
8 Port DC Power Splitters

YSPLIT
Y Splitter to connect
1x DC Jack to 2X DC Plug 2.1mm

Cable-Cat5
1,000ft Spool of Cat-5 Ethernet Cable

DVR LOCK BOX SM
used with 1U cases

DVR LOCK BOX
used with 1.5U cases

Server Grade Hard Drives
| HD 500 GB                  | 500 GB Server Grade Storage |
| HD1TBSATA                 | 1,000 GB Server Grade Storage |
| HD2TBSATA                 | 2,000 GB Server Grade Storage |
| HD3TBSATA                 | 3,000 GB Server Grade Storage |
| HD4TBSATA                 | 4,000 GB Server Grade Storage |
| HD6TBSATA                 | 6,000 GB Server Grade Storage |
Power Supplies...
A variety of power options for your system

**PoE-04**
4 Port POE Power Switch 65W
Used with Phoenix NVRs

**PoE-08**
8 Port POE+ Power Switch
Total 120W (30 watts per Port)

**PoE-16**
16 Port PoE+ Gigabit Power Switch
Total 250W 802.3/af (15 watts per Port)

**12V-1PS**
12VDC 1 Amp Power Supply

**12V2PS**
12VDC 2 Amp Power Supply

**12V5PS**
12VDC 5 Amp Power Supply

**12VPDB-5A-4**
4 Ch 12VDC @ 5 Amp
Power Distribution Box

**12VPDB-10A-9**
9 Ch 12VDC @ 10 Amp
Power Distribution Box

**12VPDB-18A-18**
18 Ch 12VDC @ 18 Amp
Power Distribution Box

**ICR-PTP-PLUG**
Female DC Plug

**ICR-PTJ-PLUG**
Male DC Plug

**BNCF-BNCF**
10x BNC Female to BNC Female

**BNCF-RCAM**
10x BNC Female to RCA Male

**BNCM-RCAF**
10x BNC Male to RCA Female
Tribrid HD Recorders
Connecting All Cameras with One Box

Connect the DVR to HD-AVS, IP & Analog Cameras. The perfect solution for upgrading existing system while adding High Resolution HD recording.

- 2.0 MP/1080p @ 15fps View & Recording
- 1.3 MP/720p @ 30fps View & Recording
- Support HD-AVS / Analog / 32ch IP Video
- H.264 dual-stream video
- 2 HDMI / 1 VGA simultaneous output
- Synchronous realtime playback
- GRID interface & smart search
- 16 Alarm In / 1 Alarm Outputs
- 4 Audio In/ 1 Audio Out
- Microphone In/Out
- E-Sata Port
- Composite Video Output
- ONVIF Version 2.4 conformance
- Support 4 SATA HD upto 24TB
- 1.5 U Case
- 3D intelligent PTZ positioning

ClearView Cloud

- 7 Days
  - 168 hours full cloud recording
  - 10k high resolution snapshots
  - 24/7 Live Video
  - UNLIMITED alerts
  - $7.99/month
  - Secure off-site storage
  - In a disaster your data is safe
  - Access footage on smart devices
  - Add cameras as needed

- 15 Days
  - 360 hours full cloud recording
  - 21k high resolution snapshots
  - 24/7 Live Video
  - UNLIMITED alerts
  - $13.99/month
  - Recurring revenue opportunity
  - Affordable pricing
  - Offsite cloud redundancy
  - With IP system No NVR NEEDED

- 30 Days
  - 720 hours full cloud recording
  - 43k high resolution snapshots
  - 24/7 Live Video
  - UNLIMITED alerts
  - $23.99/month

WWW.CLEARVIEWCCTV.COM
3050 N ANDREWS AVE, Ext. POMPANO BEACH, FL 33064      SALES@CLEARVIEWCCTV.COM / 855-248-7888
All orders are shipped F.O.B. from IC Realtime distribution facilities or manufacturer’s facilities for drop shipments. Title and risk of loss pass to customer on delivery to the common carrier or upon customer pickup.