



Panther-16HP-TRI



16 Channel 1080P (2 MP) recording
Hybrid HD-AVS / Analog with 2,000GB Included
High Definition over Coax

- Hybrid Technology: HD-AVS / Analog
- H.264 dual-stream video compression
- Smart Control over Coax
- HDMI/VGA simultaneous video output
- 16 channel synchronous realtime playback, GRID interface & smart search
- Support 2 SATA HDDs up to 8TB, 2 USB2.0
- 3D intelligent positioning with ClearView PTZ dome camera
- Multiple network monitoring:
 Web viewer, CMS (DSS/Smart PSS) & Smart Phone(DMSS)

Access Anywhere



Panther HD-AVS Technology DVRs

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 from IC Realtime known as AVS - what ClearView calls Panther Technology.

Panther is the ideal upgrade from standard video to HD video "crossover" technology because it hits the same price points as standard res video but offers significant advantages:

EASY UPGRADE FOR PREVIOUS INSTALLED CCTV

Panther makes possible direct replacement of existing conventional analog security cameras and recorders with Panther series TRUE 1080p HD equipment without changing existing coaxial and low voltage power runs. As long as 12VDC is available at the camera end, you can just swap the cameras and the recorder and have a new HD security system.

BETTER THAN 960H

Panther video surveillance is available in the two major industry HD video standards - 1080p (or 1920H (1920x1080) and 720p (1280H (1280x720)), both with higher horizontal (H) resolution than "960H" systems;

EXCLUSIVE TECHNOLOGY

Panther technology features a patented auto signal compensation (ASC) technology, which enables extremely low signal distortion, much better video resolution, longer transmission distances and better anti-interference capability, and avoids the cross talk of CVBS and separates the brightness and hue signal, further enhancing video quality.

Hybrid Flexibility

The hybrid technology allows this DVR to be compatible with HD-AVS and Analog connections.

Smart Control over Coax

Panther technology transmits multiple-signal (video/audio and dual-way data) over one cable, using video/audio synchronized transmission at the same time, such as PTZ and zoom control, further simplifying the installation.

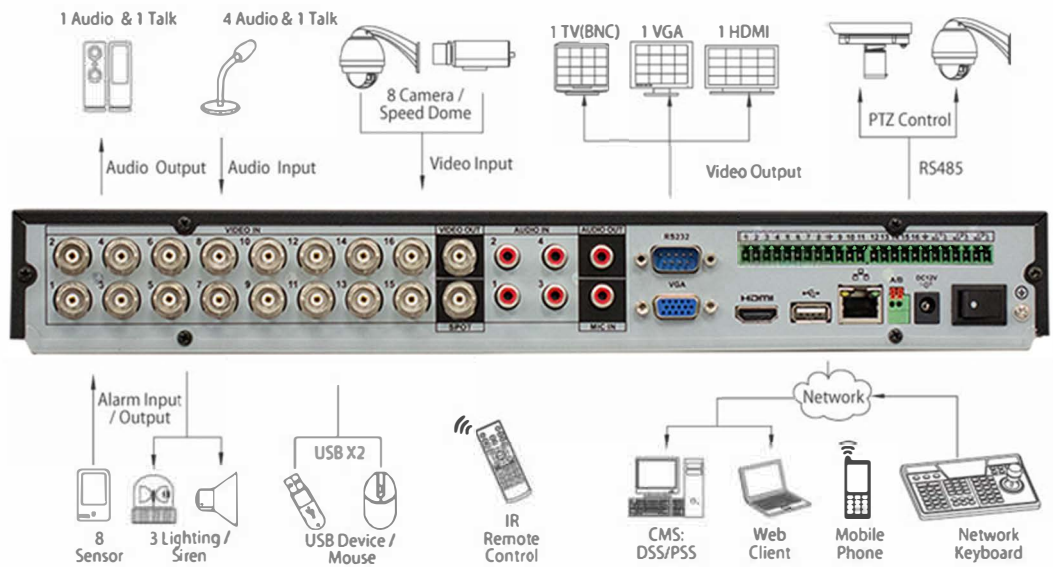


Panther DVR

Panther-16HP-TRI
www.ClearViewCCTV.com



Panther DVR



System

Main Processor: Embedded processor
 Operating System: Embedded LINUX

Video

Input: 16 channel, BNC
 Analog: NTSC/PAL
 HDCVI: 1080P/720P HDCVI Camera

Audio:

Input: 4 channel, RCA
 Output: 1 channel, RCA
 Two-way Talk: Reuse audio input/output channel 1

Display

Interface: 1 HDMI, 1 VGA
 Resolution: 1920x1080, 1280x1024, 1280x720, 1024x768
 Display Split: 1/4/8/9/16
 Privacy Masking: 4 rectangular zones (each camera)
 OSD: Camera title, Time, Video loss, Camera lock, Motion detection, Recording

Recording

Compression: H.264/G.711
 Main Stream Record: 1080P(1~15fps)/720P/960H/D1 (1~25/30fps)
 Extra Stream Record: CIF/QCIF(1~25/30fps), D1
 Bit Rate: 96~4096Kb/s
 Record Mode: Manual, Schedule(Regular(Continuous), MD), Stop
 Record Interval: 1~60 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec

Video Detection & Alarm

Trigger Events: Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips
 Video Detection: Motion Detection, MD Zones: 396(22x18), Video Loss & Camera Blank
 Alarm Input: 16 channel
 Relay Output: 3 channel

Playback & Backup

Sync Playback: 1/4/9/16
 Search Mode: Time/Date, MD & Exact search (accurate to second)
 Playback Functions: Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom
 Backup Mode: USB Device/Internal SATA burner/Network

Network

Ethernet: RJ-45 port (10/100M/1000M)
 Network Functions: HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, SNMP, P2P
 Max. User Access: 128 users
 Smart Phone: iPhone, iPad, Android, Windows Phone

Storage

Internal HDD: 2 SATA ports, up to 8TB

Auxiliary Interface

USB Interface: 2 ports(1 Rear), USB2.0
 RS485: 1 port, For PTZ control

General

Power Supply: DC12V/5A
 Power Consumption: 15W(without HDD)
 Working Environment: -10°C ~+55°C / 10%~90%RH / 86~106kpa
 Dimension(WxDxH): 1U, 375mmx285mmx55mm

Access Anywhere



Panther-16HP-Tri