

## Panther 4K - 8 Megapixel Penta-brid 8 Ch HD-AVS DVR with 2 TB



### OVERVIEW

- 8 Ch 4K - 8 Megapixel HD-AVS DVR
- H.265+ /H.265 Dual-stream video compression
- Support HDCVI/AHD/TVI/CVBS/IP video inputs
- Max 12 ch IP camera inputs, up to 8MP per ch
- Max 96Mbps Incoming Bandwidth
- HDMI output up to 4K(3840x2160) resolution
- Smart Search and Intelligent Video System
- 2 SATA Ports
- Supports up to 10TB capacity for each disk
- Includes 2 TB Hard Drive

**Main Processor:** Embedded Processor  
**Operating System:** Embedded LINUX  
**Analog Camera Input:** 8 Channel, BNC  
**HDCVI Camera:** 4K, 6 MP, 5 MP, 4 MP, 1080P@30fps, 20P@60fps, 720P@30fps  
**AHD Camera:** 5MP, 4MP, 3MP, 1080P@30, 720P@30fps  
**TVI Camera:** 5MP, 4MP, 3MP, 1080P@30, 720P@30fps  
**CVBS Camera:** PAL/NTSC  
**IP Camera Input:** 8+4 Channel, each channel up to 8MP  
**Audio In/Out:** 1/1, RCA  
**Two-way Talk:** Reuse audio in/out, RCA  
**Compression:** H.265+/H.265/H.264+/H.264  
**Resolution:** 4K, 6MP, 5MP, 4MP, 3MP, 4M-N, 1080P, 720P, 960H, D1, CIF  
**Main stream:** 4K(1~7fps); 6MP(1~10fps); 5MP(1~12fps); 4MP/3MP(1~15fps); 4M-N/1080P/720P/960H/D1/CIF(1~25/30fps)  
**Sub stream:** 960H(1~15fps); D1/CIF(1~25/30fps)  
**Bit Rate:** 32Kbps ~ 6144Kbps Per Channel  
**Record Mode:** Manual, Schedule (General, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop  
**Record Interval:** 1 ~ 60 min (default: 60 min), Pre-record: 1 ~ 30 sec  
**Post-record:** 10 ~ 300 sec  
**Audio Compression:** AAC(only for the 1st channel), G.711A, G.711U, PCM  
**Audio Sample Rate:** 8KHz, 16 bit Per Channel  
**Audio Bit Rate:** 64Kbps Per Channel  
**Display Interface:** 1 HDMI, 1 VGA  
**HDMI Resolution:** 3840 x 2160, 2560 x 1440, 1920 x 1080, 1280 x 1024, 1280 x 720  
**VGA Resolution:** 1920 x 1080, 1280 x 1024, 1280 x 720  
**Multi-screen Display IP Extension Disabled:** 1/4/8/9/16  
**When IP extension mode enabled:** 1/4/8/9/16  
**OSD:** Title, Time, Video loss, Camera lock, Motion detect, Recording  
**Network Interface:** 1 RJ-45 Port (1000M)

**Network Function:** HTTP, HTTPS, TCP/IP, IPv4/IPv6, Wi-Fi, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, FTP, Alarm Server, P2P, IP Search (Supports ClearView IP Camera, DVR, NVS, etc.)

**Smart Phone:** iPhone, iPad, Android

**Interoperability:** ONVIF 16.12, CGI Conformant

**Trigger Events:** Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips

**Video Detection:** Motion Detection, MD Zones: 396 (22 x 18), Video Loss, Tampering and Diagnosis

**Playback:** 1/4/9

**Search Mode:** Time /Date, Alarm, MD and Exact Search (to second)

**Playback Function:** 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:** USB Device/Network

**Storage:** Internal HDD 2 SATA Ports, up to 10TB capacity for each disk  
**eSATA:** N/A

**USB:** 2 USB Ports (1 USB 2.0, 1 USB 3.0)

**RS232:** N/A

**RS485:** 1 Port, for PTZ Control

**Power Supply:** DC12V/4A

**Power Consumption:** (without HDD) <10W

**Device Dimensions:** 1U, 14.8" x 11.3" x 2.1"

**Rack Mount Tray:** 19.0"x11.1"x2.2"

**Net Weight:** (without HDD) 3.3 lb

**Operating Conditions:** +14°F ~ +131°F, 10% ~ 90% RH

**Storage Conditions:** -4°F ~ +158°F, 0~ 90% RH

**Gross Weight:** 6.4 lb

Access Anywhere

Android

iPhone

Most OS



# 8 Ch HD-AVS DVR

# Panther8-4M

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