

## Panther 4 Megapixel Penta-brid 16 Ch HD-AVS DVR with 4 TB



### OVERVIEW

- 16 Ch 4 Megapixel HD-AVS DVR
- H.265 / H.264 Dual-stream video compression
- Support HDCVI/CVBS video inputs
- Max 24 ch IP camera inputs, up to 5MP 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 6TB capacity for each disk
- Includes 4 TB Hard Drive

### Panther8-4M

**Main Processor:** Embedded Processor  
**Operating System:** Embedded LINUX  
**Display Interface:** 1 HDMI(up to 3840x2160), 1 VGA  
**Resolution:** 3840x2160,1920x1080, 1280x1024, 1280x720, 1024x768  
**Multi-screen Display:** 1 / 4 / 6 / 8 / 9 / 16 / 25  
**OSD:** Title, Time, Video loss, Camera lock, Motion detection, Recording  
**Trigger Events:** Recording, PTZ, Tour, Alarm Out, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips  
**Video Detection:** Motion Detection, MD Zones: 396 (22 x 18), Video Loss and Camera Blank  
**Trigger Events:** Recording, PTZ, Tour, Alarm Out, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips  
**Video Detection:** Motion Detection, MD Zones: 396 (22 x 18), Video Loss and Camera Blank  
**Playback:** 1 / 4 / 9 / 16  
**Search Mode:** Time /Date, Alarm, MD and Exact Search (accurate 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 Mode:** USB Device/Network  
**Internal HDD:** 2 SATA Ports, up to 6TB capacity for each disk  
**HDD Mode:** Single  
**USB:** 2 USB Ports (1 USB 2.0, 1 USB 3.0)  
**Third-party Support:** ClearView, IC Realtime, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek, and more  
**Audio In/Out:** 1/1  
**Two-way Talk:** 1 Channel Input, 1 Channel Output, RCA

**HDCVI Camera Input:** 16 Channel  
**IP Camera Input:** 16+8 Channel, each channel up to 5MP  
**Recording Compression:** H.265 / H.264  
**Resolution:** 4MP, 1080P, 720P, 960H, D1, HD1, BCIF, CIF, QCIF  
**Record Rate:** Main stream: 4MP(1~15fps) 1080P/720P/960H/D1/HD1/BCIF/CIF/QCIF (1~25/30fps) Sub stream:D1/CIF/QCIF(1~25/30fps)  
**Bit Rate:** 32Kbps ~ 6144Kbps Per Channel  
**RS485:** 1 Port, for PTZ Control  
**Record Mode:** Manual, Schedule (Regular, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop  
**Record Interval:** 1 ~ 120 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec  
**Network Interface:** 1 RJ-45 Port (1000M)  
**Network Function:** HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search (Support Dahua IP camera, DVR, NVS, etc.)  
**Max. User Access:** 128 users  
**Smart Phone:** iPhone, iPad, Android  
**Interoperability:** ONVIF 2.4.1, CGI Conformant  
**Power Supply:** DC12V/4A  
**Power Consumption:** <15W (Without HDD)  
**Operating Conditions:** +14°F ~ +131°F, 86 ~ 106kpa 0°  
**Storage Conditions:** +32°F ~ +122°F, 0 ~ 90% RH  
**Dimensions:** 1U, 14.8" x 11.2" x 2.2"  
**Net Weight:** 5.2 lb (without HDD)  
**Gross Weight:** 7.05 lb



## 16 Ch HD-AVS DVR

## Panther16-4M