



16 Channel Penta-brid 2k DVR

A fully intelligent DVR is able to provide end users with the simplicity of analog system, flexibility and a wide selection of cameras like HDCVI, TVI, Analog (CVBS), AHD, and IP. With this DVR it will reduce the cost of installation by using existing coax cabling with a wide range of application for public safety, retail store, transportation, stadium, recreation center, home surveillance, and education, etc. and use the flexibility of IP cameras to expand to other building using one recorder.

- Full channels 4k non-real-time/1080P real-time recording
- HDCVI/AHD/TVI/CVBS self-adaptive plug and play
- 8 extra IP channels.
- Powerful network performance
- IVS, Face detection, Smart H.264+
- Max. 96 Mbps Incoming Bandwidth
- Built-in Smart Search
- Intelligent Video System

Specification

Operating System	Embedded LINUX
IP Camera Input	16+8 Channel, each channel up to 6MP
Main Processor	Embedded Processor
Multi-screen Display	16 Ch: 1/4/8/9/16/25
RS485	One (1) Port, for PTZ Control
Internal HDD	One (1) SATA Port, up to 6 TB capacity

Trigger Events	Recording, PTZ, Tour, Alarm Out, Video Push, Email, FTP, Snapshot, Buzzer, and Screen Tips
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, P2P, IP Search
On-screen Display Options	Camera Title, Time, Video Loss, Camera Lock, Motion Detection, and Recording
Backup Mode	USB Device, Network
Playback Function	Play, Pause, Stop, Rewind, Fast Play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, and Digital Zoom
Interface	One (1) HDMI, One (1) VGA
HDCVI	4MP, 1080P@25/30fps, 720P@50/60fps, 720P@25/30fps
Certifications	FCC: Part 15 Subpart B CE: CE-LVD: EN 60950-1/IEC 60950-1 CE-EMC: EN 61000-3-2, EN 61000-3-3, EN 55032, EN 50130, EN 55024 UL: UL 60950-1
TVI/AHD	5MP, 4MP, 3MP, 1080P@25/30, 720P@25/30fps
Installation	Desktop installation
Max. User Access	128 users
Net Weight	1.50 kg (3.30 lbs), without HDD
Alarm Input	16
Mobile Operating System	IOS and Android
Analog Camera Input	16 Channel, BNC
Interoperability	ONVIF 2.4.1, CGI Conformant
Dimensions	Mini 1U, 325mmx255mmx55mm (12.8" x 10" x 2.2")
Playback	1/4/9/16
Record Interval	1 to 60 minutes (default: 60 minutes)
Network Interface	One (1) RJ-45 Port (1000 M)
Bit Rate	1 Kbps to 6144 Kbps per channel
Recording Rate	Main stream: the 1st & 2nd channels 5M-N(1~10fps), other channels 4M-N/1080P(1~15fps); 1080N/720P/960H/ D1/CIF (1~25/30fps) Sub stream: D1/CIF(1~15fps)
Power Consumption	<10 W (without HDD)
Resolution	HDMI: 3840x2160, 2560x1440, 1920x1080, 1280x1024, 1280x720 VGA: 1920x1080, 1280x1024, 1280x720
Search Mode	Time / Date, Alarm, Motion Detection, and Exact Search (accurate to 1 second)
Power Supply	DC12V / 2 A
Compression	H.265+/H.265/H.264+/H.264
USB	One (1) USB 2.0 Port, One (1) USB 3.0 Port
Storage Conditions	-20 degrees C ~ +70 degrees C (-4 degrees F ~ +158 degrees F) , 0~ 90% R
Operating Conditions	-10 degrees C ~ +55 degrees C (+14 degrees F ~ +131 degrees F), 10% ~ 90% RH
Record Mode	Manual, Schedule (Regular, Continuous), Motion Detection (Video Detection: Motion Detection, Video Loss, Tampering), Alarm, Stop
CVBS Camera	PAL/NTSC