



**16 Channel Penta-brid 1080P DVR 2 Bays**

A fully intelligent DVR is able to provide end users with the simplicity of analog system, flexibility and 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 buildings using one recorder.

- Full channels 1080P non-real-time/720P 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
- 2 Hard Drives

## Specification

<b>Operating System</b>	Embedded LINUX
<b>RS485</b>	One (1) Port, for PTZ Control
<b>Interoperability</b>	ONVIF 2.4.1, CGI Conformant
<b>Operating Conditions</b>	-10°C to +55°C (+14°F to +131°F), 86 to 106 kpa
<b>Storage Conditions</b>	0°C to +50°C (+32°F to +122°F), 0 to 90% RH
<b>Max. User Access</b>	128 users
<b>Backup Mode</b>	USB Device, Network
<b>Interface</b>	One (1) HDMI, One (1) VGA
<b>Mobile Operating System</b>	IOS and Android
<b>Bit Rate</b>	1 Kbps to 6144 Kbps per channel
<b>Alarm Input</b>	16
<b>Multi-screen Display</b>	16 Ch: 1/4/8/9/16/25
<b>Record Rate</b>	Main Stream: 1080p (1 to 15 fps) or 1080N/720p/960H/D1/HD1/BCIF/CIF/QCIF (1 to 25/30 fps) Sub Stream: D1/CIF/QCIF (1 to 25/30 fps)
<b>Installation</b>	Desktop installation
<b>USB</b>	One (1) USB 2.0 Port, One (1) USB 3.0 Port
<b>Power Consumption</b>	<10 W (without HDD)
<b>Playback</b>	1/4/9/16
<b>Search Mode</b>	Time / Date, Alarm, Motion Detection, and Exact Search (accurate to 1 second)
<b>Record Mode</b>	Manual, Schedule (Regular, Continuous), Motion Detection (Video Detection: Motion Detection, Video Loss, Tampering), Alarm, Stop
<b>Record Interval</b>	1 to 60 minutes (default: 60 minutes)

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<b>Playback Function</b>	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
<b>Trigger Events</b>	Recording, PTZ, Tour, Alarm Out, Video Push, Email, FTP, Snapshot, Buzzer, and Screen Tips
<b>Main Processor</b>	Embedded Processor
<b>Network Interface</b>	One (1) RJ-45 Port (1000 M)
<b>Resolution</b>	1920 x 1080, 1280 x 1024, 1280 x 720, 1024 x 768
<b>Power Supply</b>	DC12V / 2 A
<b>IP Camera Input</b>	2/4/8 Channels, each channel up to 5 MP
<b>Net Weight</b>	1.50 kg (3.30 lbs), without HDD
<b>Relay Output</b>	3
<b>On-screen Display Options</b>	Camera Title, Time, Video Loss, Camera Lock, Motion Detection, and Recording
<b>Network Function</b>	HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, P2P, IP Search
<b>Internal HDD</b>	Two (2) SATA Ports, up to 6 TB capacity for each disk
<b>Compression</b>	Smart H.264+/H.264