

AVZ416



PENTABRID 16CH REAL-TIME HD CCTV DVR

▶ FEATURES

Free P2P Cloud EaZy Networking*

- ❖ Cloud EaZy Networking available to connect this device to Internet automatically in three steps with our free mobile app, EagleEyes.
- ❖ The “Buddy” feature to share the device access permission to other people.
- ❖ Device login / out notifications reported.



Push Video & Push Status - Active Event Notification with EagleEyes App

- ❖ Push Video to send instant notifications for an alarm event when an alarm device is connected to the DVR.
- ❖ Push Status to send instant notifications for system events, such as video loss or HDD data removal.

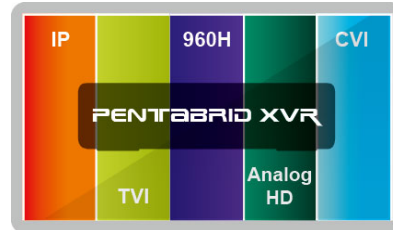


External Disk Array Support for More Video Storage

- ❖ eSATA interface built-in to connect a disk array for more video storage.

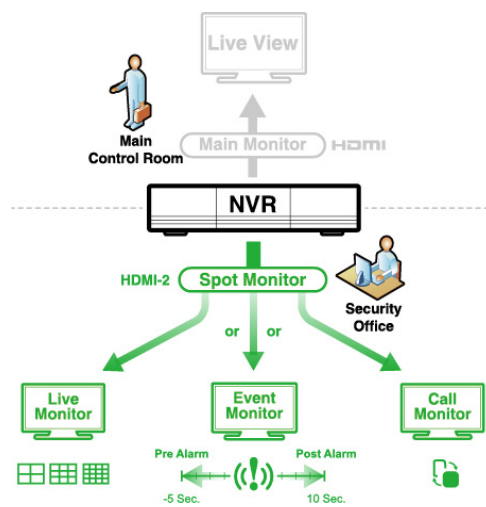
Pentabrid Video Input

- ❖ 16 channels of IP / TVI / CVI / Analog HD / 960H video input, within which IP channels are up to 12 channels
- ❖ All channels at 1080P real-time recording
- ❖ Up to 5MP recording for IP cameras



Spot Monitor

- ❖ In addition to the main display via the HDMI output, you can assign a secondary display to show live view, call monitor or event monitor.



Intelligent Video Analysis

- ❖ The Smart TVI DVR supports IVS (Intelligent Video System) to set a virtual detection line for people counting, virtual fence, and one-way pass.

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▶ SPECIFICATIONS

▼ Video		
Video System		NTSC / PAL (auto detection)
Video Compression Format		H.264
Video Signal		IP / TVI / CVI / Analog HD / 960H
Video Input		16 quadbrid channels (IP / TVI / Analog HD / 960H), within which IP channels are up to 12 channels
Video Input Interface	Analog Mode	Composite video signal 1 Vp-p 75Ω BNC
	IP Mode	Ethernet, 10/100 Base-T
Video Output	BNC	YES
	VGA	YES (1080P)
	HDMI	HDMI-1: Up to 3840 x 2160 (4K2K) / HDMI-2: Up to 1920 x 1080 (1080P)
Video Resolution	Analog Mode	1080P / 720P / QHD / 960H / Frame / Field / CIF
	IP Mode	2592 x 1944** / 2048 x 1536** / 1920 x 1080 / 1280 x 720 / 640 x 480 / 320 x 240
▼ Record & Backup		
Max. Recording Rate	Analog Mode	Up to 480 IPS @ 1920 x 1080 (16 channels)
	IP Mode	UP to 360 IPS @ 1920 x 1080 (12 channels)
Recording Mode		Manual / Timer / Motion / Alarm / Remote
Pre-alarm Recording		YES
Playback Channel		16CH
Quick Search		Time / Motion / Alarm search mode
Backup Device		USB 2.0 drive / Network
Regular Backup		YES (USB hard drive or FTP)
▼ Audio		
Audio Input		8 audio inputs
Audio Output		2 Audio output (Mono)
▼ General		
Hard Disk Storage		10TB SATA HDD x 3
SATA Interface		YES
eSATA Interface		YES (For external disk array connection)
Image Quality Setting		SUPER BEST / BEST / HIGH / NORMAL
USB Mouse Control		YES
Motion Detection Area		16 × 12 grids per channel
Motion Detection Sensitivity		3 adjustable parameters for accurate detection
Event Notification		Push Video / Push Status / FTP / E-Mail
Picture Zoom		2X digital zoom
PTZ Control		YES
Alarm I/O		8 inputs, 1 output
RS485		YES
IR Remote Control		YES (IR receiver built-in)
Key Lock (Password Protection)		YES
User Level		4 user levels for different access privilege
Video Loss Detection		YES
Camera Title		Supports up to 25 letters
Video Adjustable		Hue / Saturation / Contrast / Brightness
Date Display Format		YY/MM/DD, DD/MM/YY & MM/DD/YY
Daylight Saving		YES

▶ SPECIFICATIONS

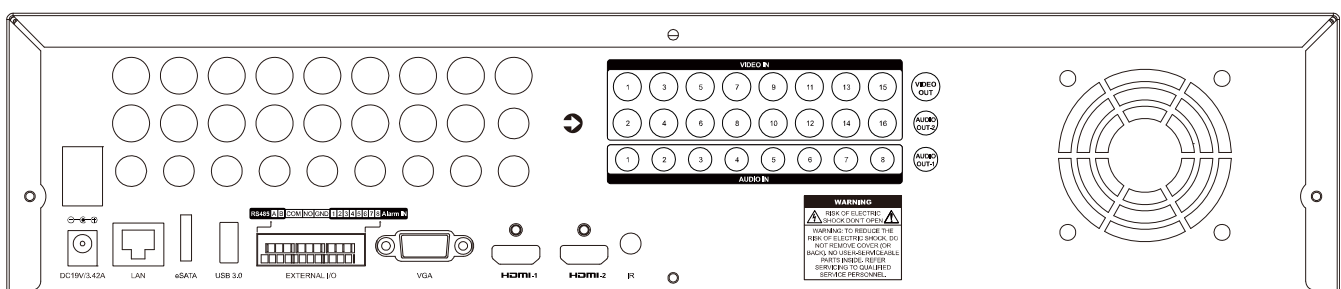
▼ General		
Power Source (±10%)	19V/3.42A	
Operating Temperature	10°C ~ 40°C (50°F ~ 104°F)	
Operating Humidity	10% ~ 85%	
Dimensions (mm) ^{***}	432(W) × 90(H) × 326(D)	
Net Weight (kg)	4kg	
▼ Network		
Ethernet	1000 Base-T. Supports remote control and live view via Ethernet	
Network Protocol	TCP/IP, PPPOE, DHCP and DDNS	
▼ Remote Surveillance from PC		
Compatible Operating System	Windows & MAC	
Compatible Program	Web Browser:	Internet Explorer, Google Chrome & Safari
	CMS Lite:	32CH central management software for Windows OS
	QuickTime:	For both Windows and MAC operating systems
Max. online users	20	
Web Transmitting Compression Format	H.264	
Network Live Audio	YES	
Remote Independent Operation	YES	
Remote Event Download & Playback	YES	
▼ Mobile Surveillance		
App	EagleEyes	
Compatible Devices	iOS & Android devices	
Push Video	YES (16CH)	
Push Status	YES	
▼ Others		
EaZy Networking	YES	
IVA	YES (4 channels in analog mode)	
DCCS Support	YES	
AVTECH Free DDNS service	YES	
Privacy Mask	YES	
Multiplex Operation	Live display / record / playback / backup / network operations	
System Recovery	System auto recovery after power failure	
Optional Peripherals	Disk Array (AVX997 / AVX992) / HDMI Matrix (HDM02) / USB Joystick (AVX102)	

* The specifications are subject to change without notice.

** For 3MP / 5MP video recording, the local live display and playback only support sub stream display (D1 by default).

*** Dimensional tolerance: ±5mm

▶ REAR PANEL



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