

AVZ2116



PENTABRID 16CH REAL-TIME XVR

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 -

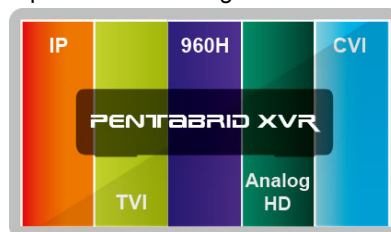
Active Event Notification with EagleEyes App

- ❖ 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.



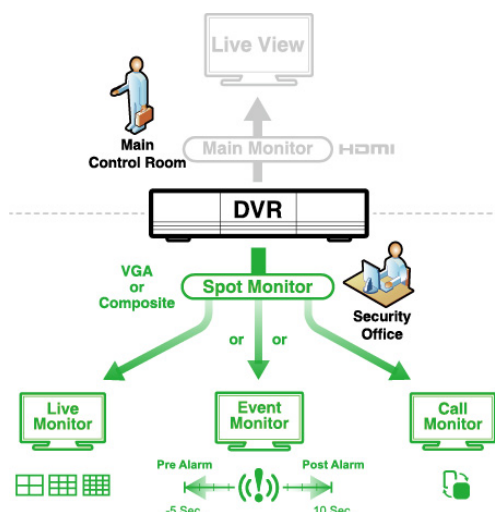
Pentabrid Video Input

- ❖ 16 channels of IP / TVI / CVI / Analog HD / 960H video input, within which IP channels are up to 12 channels
- ❖ Up to 5MP recording



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

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

SPECIFICATIONS

▼ Video

Video System		NTSC / PAL (auto detection)
Video Compression Format		H.264
Video Signal		IP / TVI / CVI / Analog HD / 960H
Video Input		16 pentabrid channels (IP / TVI / CVI / 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 (Spot Monitor Supported)
	VGA**	YES (1080P / Spot Monitor Supported)
	HDMI	HDMI (4K2K)
Video Resolution	Analog Mode	5MP*** / 4MP*** / 3MP*** / 1080P / 720P / 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 48 IPS @ 5MP*** Up to 60 IPS @ 4MP*** Up to 480 IPS @ 1920 x 1080
	IP Mode (12 channels)	Up to 72 IPS @ 2592 x 1944 (5MP) Up to 120 IPS @ 2048 x 1536 (3MP) Up to 180 IPS @ 1920 x 1080
Recording Mode		Manual / Timer / Motion / Alarm / Remote
Pre-alarm Recording		YES
Playback Channel		16CH
Quick Search		Time / Motion / Alarm search mode
Backup Device		USB drive / Network
Regular Backup		YES (USB hard drive or FTP)

▼ Audio

Audio In	4
Audio Out (Mono)	1

▼ External I/O

RS485	YES
Alarm In	4
Alarm Out	1

▼ General

Hard Disk Storage	14TB SATA HDD x 2
SATA Interface	YES
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
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

SPECIFICATIONS

▼ General

Date Display Format	YY/MM/DD, DD/MM/YY & MM/DD/YY
Daylight Saving	YES
Power Source ($\pm 10\%$)	19V/3.42A
Operating Temperature	10°C ~ 40°C (50°F ~ 104°F)
Operating Humidity	10% ~ 85%
Dimensions (mm)****	375 x 281 x 61
Net Weight (kg)	3.2

▼ Network

Ethernet	10/100 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 & 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 Event Download & Playback	YES	

▼ Mobile Surveillance

App	EagleEyes
Compatible Devices	iOS & Android devices
Push Video	YES (16 channels)
Push Status	YES

▼ Others

EaZy Networking	YES
IVA	YES (4 channels in analog mode)
Spot Monitor Support	YES (VGA & Composite)
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	HDMI Matrix (HDM02) / USB Joystick (AVX102)
Certification	CE

* The specifications are subject to change without notice.

** When 4K2K is chosen for HDMI output, VGA output is disabled.

*** Only CH1 ~ CH4 support 3MP ~ 5MP video recording.

**** Dimensional tolerance: $\pm 5\text{mm}$

REAR PANEL

