

AVZ404



PENTABRID 4CH 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.



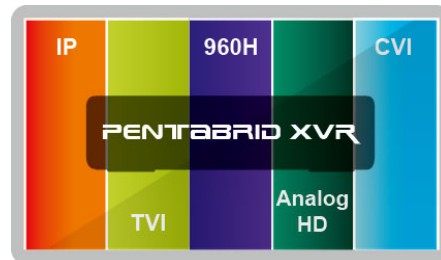
Push Video & Push Status - Active Event Notification with EagleEyes App

- ❖ 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.



Pentabrid Video Input

- ❖ Supports 4 channels of IP / TVI / CVI / Analog HD / 960H video input
- ❖ All channels at 1080P real-time recording
- ❖ Up to 5MP recording for IP cameras



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. | It's the advanced usage for motion detection to not only record but also summarize the detection data for further analysis.

Video Backup

- ❖ Regular backup could be configured to automatically copy video footages to the specified location (USB drive or FTP) at the specified time.

External Disk Array Support for More Video Storage

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

Remote Surveillance

- ❖ Fully compatible with iOS and Android devices, and Internet Explorer on Windows operating system
- ❖ CMS Lite for 32 devices central management
- ❖ Applicable also to Apple's media player, QuickTime.

* EaZy Networking is a free P2P cloud service to connect AVTECH devices to the Internet automatically by plug-and-play, enabling you to check the live view via your mobile device or laptop at anytime.

▶ SPECIFICATIONS

▼ Video

Video System		NTSC / PAL (auto detection)
Video Compression Format		H.264
Video Signal		IP / TVI / CVI / Analog HD / 960H
Video Input		4 quadbrid 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 (Main Monitor / Call Monitor selectable)
	VGA	YES
	HDMI	YES
Video Resolution	Analog Mode	1080P / 720P / QHD / 960H / Frame / Field / CIF
	IP Mode	Live & Playback: 1920 x 1080 / 1280 x 720 / 640 x 480 / 320 x 240 Record**: 2592 x 1944 / 2048 x 1536 / 1920 x 1080 / 1280 x 720 / 640 x 480 / 320 x 240

▼ Record & Backup

Max. Recording Rate		Up to 120 IPS @ 1920 x 1080
Recording Mode		Manual / Timer / Motion / Remote
Pre-alarm Recording		YES
Playback Channel		4CH
Quick Search		Time / Motion search mode
Backup Device		USB 2.0 drive / Network
Regular Backup		YES

▼ Audio

Audio Input		1 audio input
Audio Output		1 audio output (Mono)

▼ General

Hard Disk Storage		10TB SATA HDD x 2
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		4 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
Net Weight (kg)		1.4

➤ SPECIFICATIONS

▼ General

Power Source (±10%)	DC12V / 3A
Operating Temperature	10°C ~ 40°C (50°F ~104°F)
Operating Humidity	10% ~ 85%
Dimensions (mm)***	345(W)×58.8(H)×223(D)
Net Weight (kg)	2.17

▼ 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, 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 (4CH)
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

