

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.



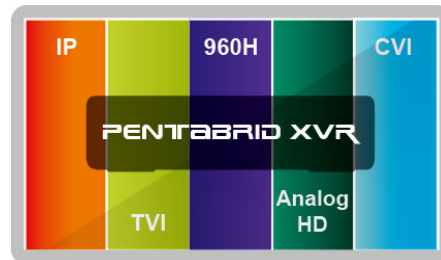
Push Video & Push Status - Active Event Notification with EagleEyes App

- ❖ 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 (in 64 kbps).

▶ 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 | | 6TB 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) | | 2.17 |

➤ 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.

** To see 5MP video playback, you need to backup the footage and play on PC.

*** Dimensional tolerance: ±5mm

➤ REAR PANEL

