

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 -

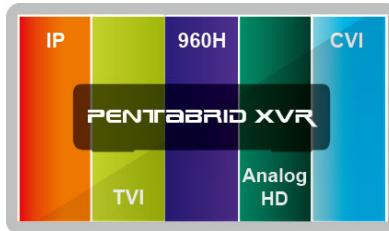
Active Event Notification with EagleEyes App

- ❖ 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.



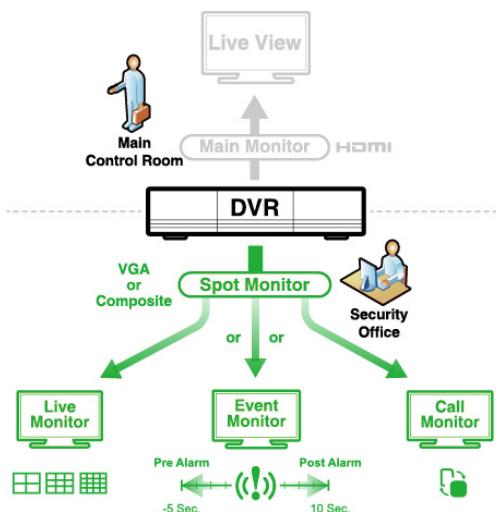
Pentabrid Video Input

- ❖ 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*** | |
| | IP Mode (12 channels) | Up to 480 IPS @ 1920 x 1080 | |
| | | 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 x 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: $\pm 5\text{mm}$

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

► REAR PANEL

