

AVT216



16CH 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.



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.



HD Video Recording

- ❖ HD real-time recording brings users clear images while video recording and playback
- ❖ 1920*1080 Full HD video output service, giving the best image quality on LCD / LED monitors

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 24 devices central management
- ❖ Applicable also to Apple's media player, QuickTime.

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.



* 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 Input | 16 channels (Composite video signal 1 Vp-p 75Ω BNC) |
| Video Output | BNC YES |
| | VGA YES |
| | HDMI YES |

| ▼ Record & Backup | |
|------------------------|--|
| Maximum Recording Rate | 1080P 1920 x 1080 pixels with 240 IPS |
| | 720P 1280 x 720 pixels with 480 IPS |
| | QHD 960 x 540 pixels with 480 IPS |
| Frame | 704x480 pixels with 480 IPS <NTSC> / 704x576 pixels with 400 IPS <PAL> |
| Field | 704x240 pixels with 480 IPS <NTSC> / 704x288 pixels with 400 IPS <PAL> |
| CIF | 352x240 pixels with 480 IPS <NTSC> / 352x288 pixels with 400 IPS <PAL> |
| 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 |

| ▼ Audio | |
|--------------|------------------------|
| Audio Input | 4 audio inputs |
| Audio Output | 2 Audio outputs (Mono) |

| ▼ General | |
|--------------------------------|--|
| Hard Disk Storage** | Up to 3 SATA HDDs |
| 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 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 |
| 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 12 letters |
| Video Adjustable | Hue / Saturation / Contrast / Brightness |
| Date Display Format | YY/MM/DD, DD/MM/YY & MM/DD/YY |
| Daylight Saving | YES |
| Power Source (±10%) | DC19V / 3.42A |
| Operating Temperature | 10°C ~ 40°C (50°F ~104°F) |
| Dimensions (mm)*** | 430(W) x 65(H) x 338(D) |
| Net Weight | 4 Kg |

| ▼ Network | |
|-----------|--|
| Ethernet | Gigabit Base-T. Supports remote control and live view via Ethernet |

Network Protocol

TCP/IP, PPPOE, DHCP and DDNS

SPECIFICATIONS

▼ Remote Surveillance from PC

| | | |
|-------------------------------------|---------------|---|
| Compatible Operating System | Windows & MAC | |
| Compatible Program | Web Browser: | Internet Explorer, Google Chrome & Safari |
| | CMS Lite: | 24CH 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 | |
| Push Status | YES | |

▼ Others

| | | |
|--------------------------|--|--|
| EaZy Networking | YES | |
| IVA | YES | |
| DCCS Support | YES | |
| AVTECH Free DDNS service | YES | |
| Multiplex Operation | Live display / record / playback / backup / network operations | |
| System Recovery | System auto recovery after power failure | |
| Optional Peripherals | HDMI Matrix (HDM02) | |

* The specifications are subject to change without notice.

** 1 HDD capacity up to 4TB

*** Dimensional tolerance: ±5mm

REAR PANEL

