



AVC704H

4CH All-in-One DVR

Push Video + Push Status +
EagleEyes +
Full 960H Video Recording +
1080P HDMI + IVA



FEATURES

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.

All-Channels 960H Video Recording

- ❖ Supports 960H video recording for all channels for evidentiary recording with high quality and clear images.

HDMI Video Output at 1080P Resolution

- ❖ Full HD video display through HDMI interface.

Mobile Surveillance with EagleEyes App

- ❖ Compatible with iOS & Android mobile devices.

Remote Surveillance with Browsers and CMS

- ❖ For web browsers, compatible with Internet Explorer, Mozilla Firefox, Google Chrome, Safari & Opera.
- ❖ For CMS software, available with our self-developed and free software, "Video Viewer".
- ❖ Applicable also to Apple's media player, QuickTime.

Intelligent Video Analysis

- ❖ Virtual Fence:
virtual intruder detection line is set to detect intruders crossing the detection line.
- ❖ Flow Counting:
virtual detection line is set to detect the moving direction of pedestrians for flow counting.
- ❖ Single Channel Motion Recording:
Only the channel with an event will be recorded to effectively save a significant amount of hard disk space and have the maximized recording time.

Independent Channel Control

- ❖ Definable "Resolution" / "Quality" / "IPS" by channels at your preferences to increase the recording efficiency, and avoid any important scenes to be missed.

External Disk Array Support for More Video Storage

- ❖ eSATA interface built-in to connect a disk array (up to 4-bay disk array with RAID 0 and 1) for more video storage.

Remote Independent Operation

- ❖ Channel switching is independent from the local site, allowing users to have private image monitoring remotely.

Multiplex

- ❖ Allows live display, record, playback, backup and network operation at the same time.

Backup Function

- ❖ Supports USB flash drive and network backup.



SPECIFICATIONS

| ▼ Video | | |
|--------------------------------|---|--|
| Video System | NTSC / PAL (auto detection) | |
| Video Compression Format | H.264 | |
| Video Input | 4 channels (Composite video signal 1 Vp-p 75Ω BNC) | |
| Video Output | BNC | YES (Call monitor for sequence display) |
| | VGA | YES |
| | HDMI | YES (Full HD display) |
| Dual Video Output | YES | |
| ▼ Record & Backup | | |
| Maximum Recording Rate | 960H | 960x480 pixels with 120 IPS <NTSC> / 960x576 pixels with 100 IPS <PAL> |
| | Frame | 704x480 pixels with 120 IPS <NTSC> / 704x576 pixels with 100 IPS <PAL> |
| | Field | 704x240 pixels with 120 IPS <NTSC> / 704x288 pixels with 100 IPS <PAL> |
| | CIF | 352x240 pixels with 120 IPS <NTSC> / 352x288 pixels with 100 IPS <PAL> |
| Recording Mode | Manual / Timer / Motion / Alarm / Remote | |
| Pre-alarm Recording | YES | |
| Quick Search | Time / Motion / Alarm search mode | |
| Backup Device | USB 2.0 flash drive / Network | |
| ▼ Audio | | |
| Audio Input | 4 audio inputs | |
| Audio Output | 1 audio output (Mono) | |
| ▼ General | | |
| Hard Disk Storage | Accommodates up to 1 SATA HDD (1 HDD capacity up to 4TB) | |
| 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 / FTP / E-Mail | |
| Picture Zoom | 2X digital zoom | |
| PTZ Control | YES | |
| Alarm I/O | 4 inputs (1 input for Push Video), 1 output | |
| 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 / 2.1A | |
| Power Consumption (±10%) | < 42 W | |
| Operating Temperature | 10°C ~ 40°C (50°F ~ 104°F) | |
| Dimensions (mm)** | 375(W) × 61(H) × 281(D) | |
| ▼ Network | | |
| Ethernet | 10/100 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, Mozilla Firefox, Google Chrome & Safari |
| | Video Viewer: For both Windows and MAC operating systems |
| | QuickTime For both Windows and MAC operating systems |
| Max. online users | 10 |
| Web Transmitting Compression Format | H.264 |
| Network Live Audio | YES |
| Remote Independent Operation | YES |
| Remote Event Download & Playback | YES |
| R.E.T.R. (Remote Event Trigger Recording) | YES |
| ▼ Mobile Surveillance | |
| App | EagleEyes |
| Compatible Devices | iOS & Android devices |
| Push Video & Push Status | YES (With EagleEyes for iPhone, iPad, Android versions) |
| ▼ Others | |
| IVA Support | YES (4 channels) |
| AVTECH Free DDNS service | YES |
| Multiplex Operation | Live display / record / playback / backup / network operations |
| System Recovery | System auto recovery after power failure |
| Optional Peripherals | Keyboard Controller |

*The specifications are subject to change without notice.
 ** Dimensional tolerance: ±5mm

REAR PANEL

