



# AVH304EA

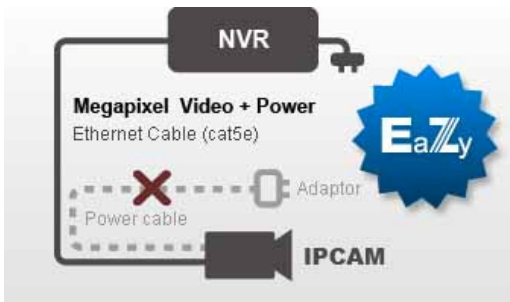
One Cable solution (PoE)  
HD Video Recording  
Push Video

## 4CH Push Video HD Video Recorder

### Features

#### One Ethernet Cable Solution (POE, Power-over-Ethernet)

Camera power supply & video transmission over one Ethernet cable to eliminate the needs of power adapters for your cameras during the whole HD surveillance system setup.



#### 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

#### External Disk Array Support for More Video Storage

eSATA interface built-in to connect a disk array (RAID 0/1/5/6/0+1/1+0) for more video storage

#### Free DDNS Service

Free DDNS service to configure your device to Internet easily

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

- **Push Video** to send instant notifications for an alarm event to iOS and Android mobile devices (when used with ETS IP camera series).
- **Push Status** to send instant notifications for system events, such as video loss or HDD data removal.



#### Multi-platform Remote Access

- Fully compatible with iOS and Android mobile devices, and Internet Explorer on Windows operating system
- Free PC program, CMS Lite, for 24CH devices monitoring on Windows operating system

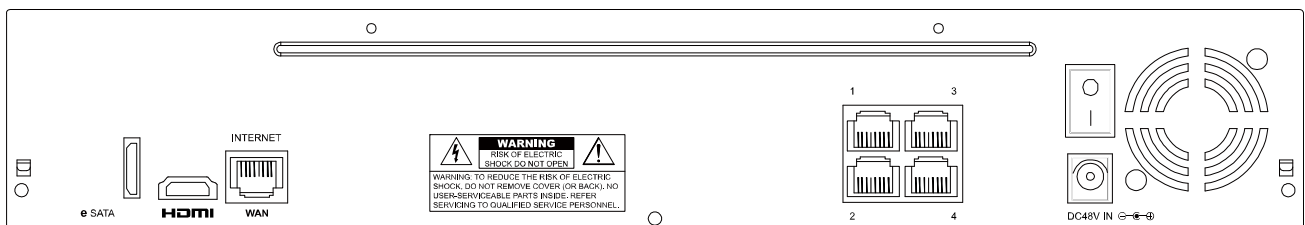
#### ONVIF-Compliant

In addition to AVTECH IP cameras, this NVR is also connectable to the third-party IP cameras which adopt ONVIF protocol.

#### Smart Recording

High video resolution switch for events to optimize the recording efficiency of the hard disk.

### Rear Panel



## Specifications

| Hardware                         |  |                     |
|----------------------------------|--|---------------------|
| Video Input                      | 4 LAN ports  |                     |
| Video Output                     | HDMI output  |                     |
| Video Output Resolution          | 1920 x 1080  |                     |
| HDD Storage**                    | One 6TB hard disk  |                     |
| eSATA                            | YES<br>(support up to 4-bay disk array with RAID 0 and 1)  |                     |
| USB Ports                        | Two on the front panel:<br>one for video backup to USB flash drive, and<br>another for NVR control via a USB mouse   |                     |
| IR Remote Control                | YES  |                     |
| Ethernet                         | POE 1~4port  | 10/100Mbps with POE |
|                                  | Internet (WAN) port  | 1000Mbps            |
| Software                         |  |                     |
| Video Compression Format         | H.264  |                     |
| Audio Compression Format         | G.711  |                     |
| Local / Remote Display Mode      | 4CH  |                     |
| Local / Remote Playback Mode     | 4CH  |                     |
| Single Channel Playback          | YES  |                     |
| Recording Mode                   | Manual / Event / Alarm / Schedule  |                     |
| Recording Streaming              | Dual   |                     |
| Recording Throughput             | Up to 120 IPS @ 2048 x 1536, 48 Mbps<br>Up to 120 IPS @ 1980 x 1080, 48 Mbps   |                     |
| Pre-alarm Recording              | YES  |                     |
| Quick Search                     | Time / Event   |                     |
| Event Notification               | Push Video / Push Status / Video Mail / Message Mail   |                     |
| Security                         | 4 user access levels with password   |                     |
| Remote Access                    | (1) Internet Explorer on Windows operating system<br>(2) CMS Lite, 24CH CMS software for Windows operating system<br>(3) EagleEyes on iOS & Android mobile devices   |                     |
| Max. Online User                 | 20   |                     |
| General                          |  |                     |
| Power Source (±10%)              | DC 48V / 1.25A   |                     |
| PoE<br>(IEEE802.3at)***          | Max Power per PoE Port   | 30W                 |
|                                  | Total Max PoE Power Out  | 120W                |
| Operating Temperature            | 10°C ~ 40°C (50°F~104°F)   |                     |
| Dimensions (mm)****              | 345 (L) x 225 (W) x 68.3 (H)   |                     |
| Net Weight                       | 2.65 Kg  |                     |
| Minimum PC Browsing Requirements | <ul style="list-style-type: none"> <li>• Intel core i3 or higher, or equivalent AMD</li> <li>• 2GB RAM</li> <li>• AGP graphics card, Direct Draw, 32MB RAM</li> <li>• Windows 10, Windows 8, Windows 7, Windows Vista &amp; Windows XP, DirectX 9.0 or later</li> <li>• Internet Explorer 7.x or later (Windows Edge not supported)</li> </ul> |                     |

\*The specifications are subject to change without notice

\*\* HDDs are optional.

\*\*\* For camera power supply

\*\*\*\* Dimensional tolerance: ±5mm