

# AVH516A

**RS485 Communication**

**Multicast**

**16CH 2MP Real-Time Video Recording**

**16CH 2MP NVR**

## Features

### 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




### Multi-platform Remote Access

- Fully compatible with iPhone & iPad, and Internet Explorer on Windows operating system
- AVTECH free CMS program on both Windows and MAC OS

### Powerful Storage Capacity

Support up to 3 hard disks for long-term recording and saving large amount of recording data

### RS485 Communication

Capable of external device connection to extend the functionality and flexibility of your NVR

### Multicast

Multicast supported to enhance the transmission efficiency among all NVRs and the CMS, helping users located in different secondary control rooms to quickly get what they want to see without video lag.




### Smart Recording

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

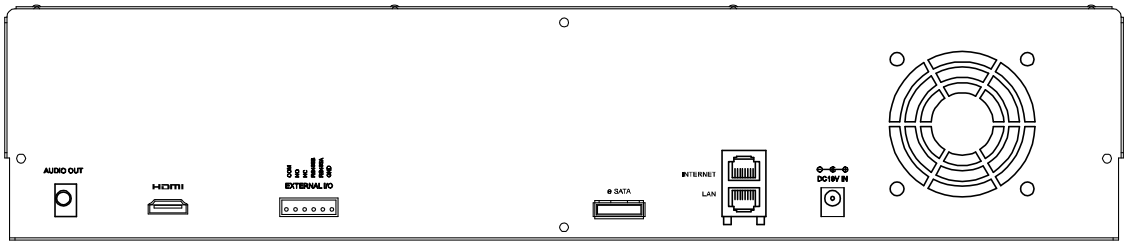
### External Disk Array Support for More Video Storage

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

### Full HD HDMI Video Output

1920*1080 Full HD video output service, giving the best image quality on LCD / LED monitors

## Rear Panel



AVTECH

# Specifications*

| Hardware | | |
|---|---|---|
| Video Input | | One LAN port (up to 16 IP cameras) |
| Video Output | | HDMI |
| Video Output Resolution | | 1920 x 1080 |
| Audio Output | | YES |
| HDD Storage** | | Three 4TB hard disks |
| eSATA Port | | YES |
| RS-485 Port | | YES |
| USB Ports | | Two USB 2.0 ports |
| IR Remote Control | | YES |
| Ethernet | LAN port | 1000Mbps |
| | Internet port | 1000Mbps |
| **Software** | | |
| Video Compression Format | | H.264 |
| Audio Compression Format | | G711 |
| Local / Remote Display Mode | | 16CH |
| Local / Remote Playback Mode | | 16CH |
| Local Single Channel Playback | | YES |
| Recording Mode | | Manual / Event / Alarm / Schedule |
| Recording Throughput | | Up to 480 IPS @ 1920 x 1080, Up to 120Mbps |
| Pre-alarm Recording | | YES |
| Quick Search | | Time / Event |
| Event Notification | | Push Status / Video Mail / Message Mail |
| Security | | Multiple user access levels with password |
| Remote Access | | (1) Internet Explorer on Windows operating system<br>(2) Video Viewer on Windows and Mac operating system<br>(3) EagleEyes on iOS & Android mobile devices |
| Max. Online User | | 10 |
| Multicast | | YES |
| **General** | | |
| Power Source (±10%) | | DC19V / 3.42A |
| Power Consumption (±10%) | | 17.5W (without a hard disk connected) |
| Operating Temperature | | 10℃ ~ 40℃ (50℉~104℉) |
| Dimensions (mm)*** | | 432(W) × 90(H) × 326(D) |
| Minimum PC Browsing Requirements | | • Intel core i3 or higher, or equivalent AMD<br>• 2GB RAM<br>• AGP graphics card, Direct Draw, 32MB RAM<br>• Windows 7, Vista & XP, DirectX 9.0 or later<br>• Internet Explorer 7.x or later |

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