



AVH516A

RS485 Communication

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

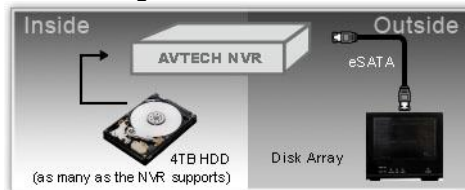
Support up to 3 hard disks for long-term recording and saving large amount of recording data

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



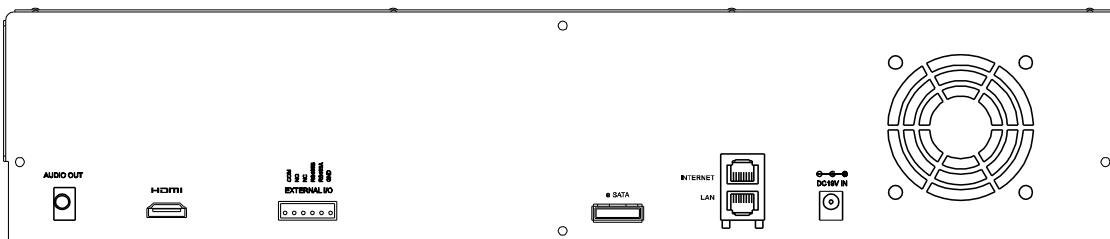
Full HD HDMI Video Output

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

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

Rear Panel





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 (2) Video Viewer on Windows and Mac operating system (3) EagleEyes on iOS & Android mobile devices | |
| Max. Online User | 10 | |
| General | | |
| Power Source (±10%) | DC19V / 3.42A | |
| Power Consumption (±10%) | 17.5W (without a hard disk connected) | |
| Operating Temperature | 10°C ~ 40°C (50°F ~104°F) | |
| Dimensions (mm)*** | 432(W) × 90(H) × 326(D) | |
| Minimum PC Browsing Requirements | <ul style="list-style-type: none"> • Intel core i3 or higher, or equivalent AMD • 2GB RAM • AGP graphics card, Direct Draw, 32MB RAM • Windows 7, Vista & XP, DirectX 9.0 or later • Internet Explorer 7.x or later | |

*The specifications are subject to change without notice

** HDDs are optional.

*** Dimensional tolerance: .±5mm