



# 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

### 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	
Multicast	YES	
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) x 90(H) x 326(D)	
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 7, Vista &amp; XP, DirectX 9.0 or later</li> <li>• Internet Explorer 7.x or later</li> </ul>	

\*The specifications are subject to change without notice

\*\* HDDs are optional.

\*\*\* Dimensional tolerance: ±.5mm