



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.



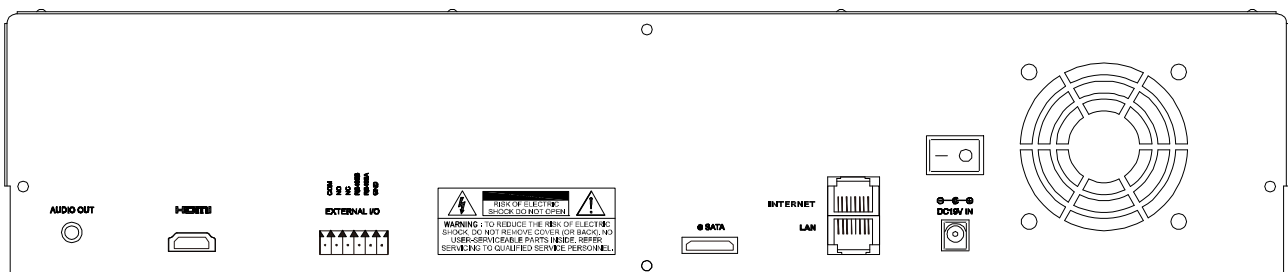
Smart Recording

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

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
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) × 90(H) × 326(D)
Minimum PC Browsing Requirements		• 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
Optional Peripherals		Full HD Matrix (HDM02) / Rack Mount (PP-AVC787-00K)

*The specifications are subject to change without notice

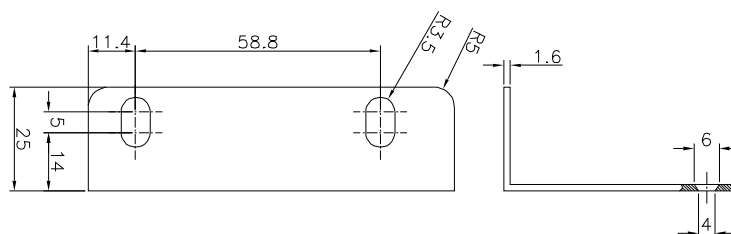
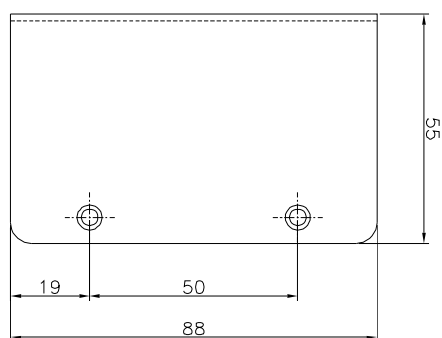
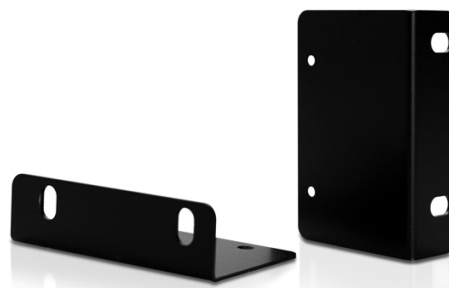
** HDDs are optional.

*** Dimensional tolerance: ±5mm

Optional Bracket

■ PP-AVC787-00K

Used to mount to a rack.



Dimensional tolerance: $\pm 5\text{mm}$