AVTECH

AVH516A

EaZy Networking

RS485 Communication

Multicast

Push Status

16CH 2MP Real-Time Video Recording

16CH 2MP NVR

Features

Cloud Service - EaZy Networking*

- EaZy Networking, the cloud service provided by AVTECH, available to connect this device to Internet automatically in three steps with our free mobile app, EagleEyes.
- The "Buddy" feature to share the device access permission to other people.
- Device login / out notifications reported.

Push Status - Active Event Notification with EagleEyes App

- Sends instant notifications for system events, such as video loss or HDD data removal

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 iOS and Android mobile devices, and Internet Explorer on Windows operating system
- Free PC program, CMS Lite, for 32CH devices monitoring on Windows operating system

Powerful Storage Capacity

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

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.

ONVIF-Compliant

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

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

RS485 Communication

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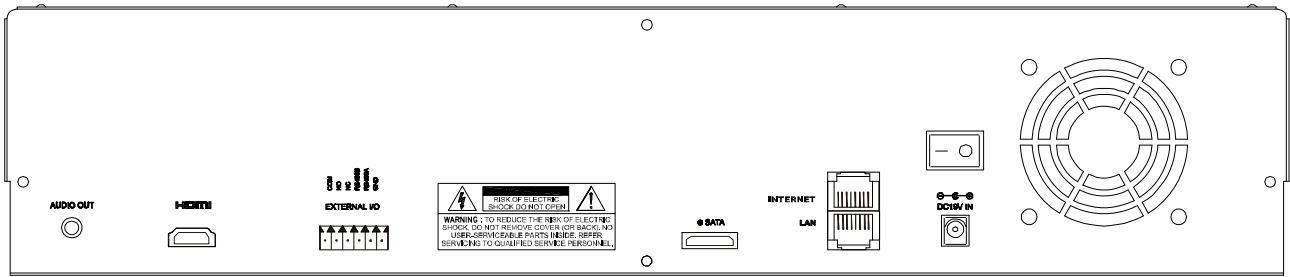
Smart Recording

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

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* EaZy Networking is a free P2P cloud service to connect AVTECH devices to the Internet automatically by plug-and-play, enabling you to check the live view via your mobile device or laptop at anytime (in 64 kbps).

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 6TB hard disks
eSATA Port	YES
RS-485 Port	YES
USB Ports	Two USB 2.0 ports
IR Remote Control	YES
Ethernet — LAN port	1000Mbps
Ethernet — 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) CMS Lite, 32CH CMS software for Windows operating system (3) EagleEyes on iOS & Android mobile devices
Max. Online User	18
Multicast	YES
EaZy Networking	YES

General

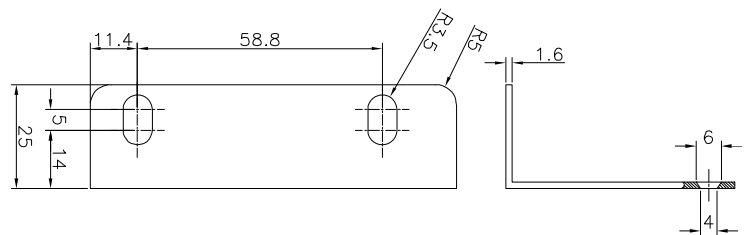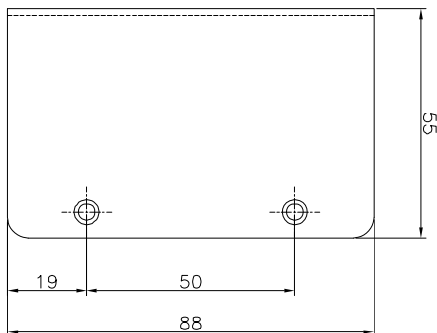|	
Power Source (±10%)	DC19V / 3.42A
Power Consumption (±10%)	17.5W (without a hard disk connected)
Operating Temperature	10℃ ～ 40℃ (50℉~104℉)
Operating Humidity	10% ~ 85%
Dimensions (mm)***	432(W) × 90(H) × 326(D)
Net Weight	4 Kg
Minimum PC Browsing Requirements	• Intel core i3 or higher, or equivalent AMD • 2GB RAM • AGP graphics card, Direct Draw, 32MB RAM • Windows 10, Windows 8, Windows 7, Windows Vista & Windows XP, DirectX 9.0 or later • Internet Explorer 7.x or later (Windows Edge not supported)
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

Rear Panel

Optional Bracket

■ PP-AVC787-00K

Used to mount to a rack.

Dimensional tolerance: ± 5mm