



AVH504P

EaZy Networking
One Cable solution (PoE)
HD Video Recording
Multicast
Push Video & Push Status

4CH Push Video HD Video Recorder

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.

One Ethernet Cable Solution (POE, Power-over-Ethernet)

Camera power supply & video transmission over one Ethernet cable to eliminate the needs of power adapters for your cameras during the whole HD surveillance system setup.

Push Video & Push Status - Active Event Notification with EagleEyes App

- **Push Video** to send instant notifications for an alarm event to iOS and Android mobile devices (when used with ETS IP camera series).
- **Push Status** to send instant notifications for system events, such as video loss or HDD data removal.



Smart Recording

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

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.



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

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

Free DDNS Service

Free DDNS service to configure your device to Internet easily

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

* 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.

Specifications

Hardware	
Video Input	4 LAN ports
Video Output	HDMI output
Video Output Resolution	1920 x 1080
HDD Storage**	Two 6TB HDDs
eSATA	YES (support up to 4-bay disk array with RAID 0 and 1)
USB Ports	Two on the front panel: one for video backup to USB flash drive, and another for NVR control via a USB mouse
IR Remote Control	YES
Ethernet	10/100Mbps with POE
	1~4 port Internet (WAN) port 1000Mbps
Software	
Video Compression Format	H.264
Audio Compression Format	G711
Local / Remote Display Mode	4CH
Local / Remote Playback Mode	4CH
Single Channel Playback	YES
Recording Mode	Manual / Event / Alarm / Schedule
Record Streaming	Dual
Recording Throughput	Up to 120 IPS @ 2048 x 1536, 48 Mbps Up to 120 IPS @ 1920 x 1080, 48Mbps
Pre-alarm Recording	YES
Quick Search	Time / Event
Event Notification	Push Video / Push Status / Message Mail / Video Mail
Security	4 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	20
Multicast	YES
EaZy Networking	YES
General	
Power Source (±10%)	DC 48V/2.5A
Power Consumption (±10%)***	10.56W (without a hard disk and POE IP camera connected)
PoE (IEEE802.3at)	Max Power per PoE Port Total Max PoE Power Out 30W 120W
Operating Temperature	10°C ~ 40°C (50°F ~ 104°F)
Operating Humidity	10% ~ 85%
Dimensions (mm)****	375(L) × 264.8(W) x 68(H)
Net Weight	2.8 Kg
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 10, Windows 8, Windows 7, Windows Vista & Windows XP, DirectX 9.0 or later • Internet Explorer 7.x or later (Windows Edge not supported)

* Specifications are subject to change without notice. ** Hard disks are optional *** without a hard disk and POE IP camera connected **** Dimensional tolerance: ±5mm

Rear Panel

