



# AVH8516AX

16CH 8MP Video Recording  
8-Bay Storage  
EaZy Networking  
Push Video / Push Status

## Features

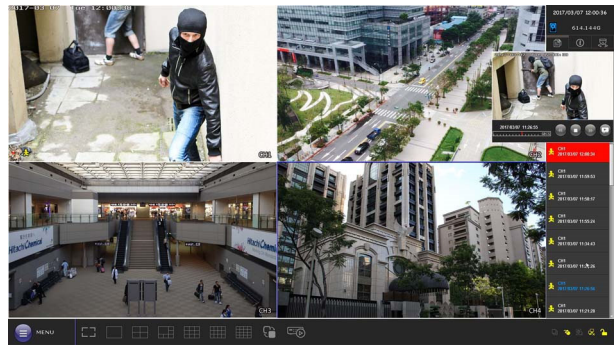
### H.265 Compression Technology

With this compression technology, the recording capacity is greatly enhanced as well as bandwidth saving for better efficiency and performance than the systems employing other compression formats



### Event Pop-up / Preview

All events are listed on the right panel with corresponding event icons for you to quickly recognize the event type. The most current one will flash to catch your attention. Click one event and you're able to preview the footage with pre-alarm images.

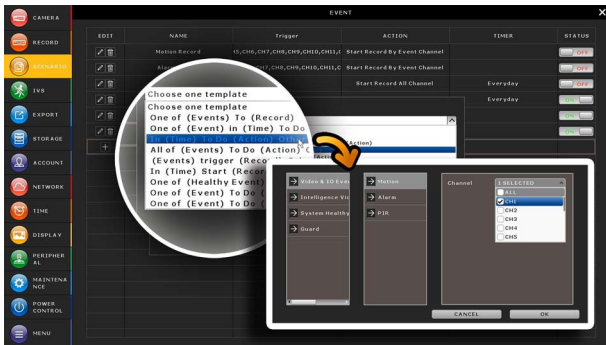


### Cloud Service - EaZy Networking

EaZy Networking, the cloud service provided by AVTECH, can be used to simplify the network setup and quickly connect this device to the internet with our free mobile app, EagleEyes.

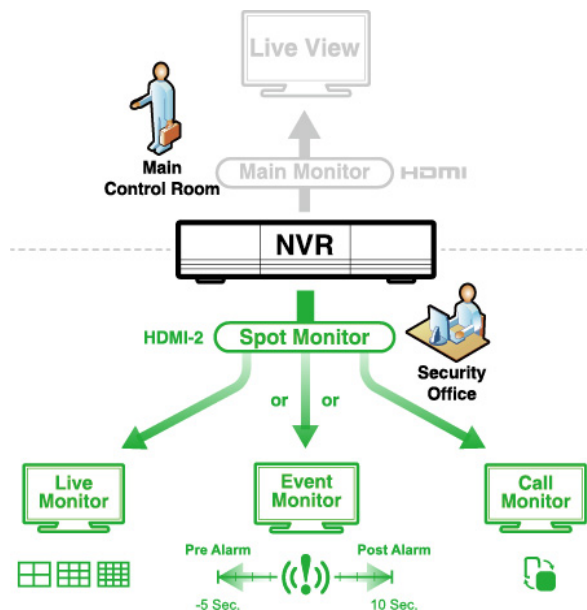
### Alarm Scenario Customization

"Scenario" is a new feature allowing you to customize a series of actions which will be run automatically after the specified event occurs. There are several scenario templates for you to choose when and what to do after a specific event occurs.



### Spot Monitor

In addition to the main display via the main HDMI-1 output, you can assign a secondary display via the HDMI-2, VGA or composite output to show live view, call monitor or event monitor.



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

- Push Video to send instant notifications for an alarm event when an alarm device is connected to the DVR.
- Push Status to send instant notifications for system events, such as video loss or HDD data removal.

### 8-bay Storage Capacity

To solve the large storage requirement of 4K2K recording, this NVR supports up to 8 hard disks to keep high quality H.265 video data without overwriting data so quickly. A power-saving mechanism is also adopted to reduce power consumption.



## Specifications\*

Hardware		
Video Input	One LAN port (up to 16 IP cameras)	
Video Output	HDMI x 2 / VGA x 1 / Composite x 1	
Video Output Resolution	HDMI-1: Up to 3840 x 2160 (4K2K) HDMI-2 & VGA: Up to 1920 x 1080 (Full HD)	
Audio I/O	1 in (Mic in) / 1 out (Line out / HDMI)	
Alarm I/O	4 in / 1 out	
RS485	YES	
HDD Storage**	Eight 16TB hard disks	
USB Ports	USB 3.0 x 1 / USB 2.0 x 2	
Ethernet	LAN port	1000Mbps
	Internet port	1000Mbps
Software		
Video Compression Format	H.265	
Audio Compression Format	G711	
Live Display Mode	Local	16CH
	Remote	4CH
Playback Display Mode	Local	16CH
	Remote	4CH
Local Single Channel Playback	YES	
Record Stream	Dual	
Recording Mode	Manual / Event / Alarm / Schedule	
Recording Throughput	Up to 480 IPS @ 3840 x 2160, 160Mbps	
Pre-alarm Recording	YES	
Quick Search	Time / Event	
Event Notification	Push Video / Push Status / Video Mail / Message Mail	
Security	Multiple user access levels with password	
Multicast	YES	
Seamless Recording***	YES	
EaZy Networking	YES	
IVS***	YES	
Spot Monitor Setup	Call Monitor / Event Monitor / Live Monitor (HDMI-2, VGA & Composite)	
Alarm Scenario Setup	YES	
Alarm Pop-up & Preview	YES	
DDNS Service	YES	

## Specifications\*

Network		
Protocols	DDNS, PPPoE, DHCP, NTP, SNTP, TCP/IP, ICMP, SMTP, FTP, HTTP, RTP, RTSP, RTCP, IPv4, UPnP, DNS, UDP, IGMP	
ONVIF Compatible	YES	
Max. Online User	40	
Remote Access	Web browser	Windows Edge, Google Chrome, Mozilla Firefox & Opera on Windows 10 (and later versions) and Google Chrome & Mozilla Firefox on MAC
	PC program	32CH CMS software for Windows OS
	Mobile app	EagleEyes on iOS & Android mobile devices
General		
Power Source ( $\pm 10\%$ )	DC12V / 12.5A	
Power Consumption ( $\pm 10\%$ )	14W (No hard disks connected)	
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)	
Operating Humidity	10% ~ 85%	
Dimensions (mm) <sup>****</sup>	358 x 267 x 152	
Net Weight (kg)	5.8	
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 10 and later versions</li> <li>• Windows Edge, Google Chrome, Mozilla Firefox &amp; Opera on Windows 10 (and later versions)</li> </ul>	
Certification	CE / UL (Power Adapter)	

\*The specifications are subject to change without notice

\*\* HDDs are optional.

\*\*\* Available only when the connected cameras are supported

\*\*\*\* Dimensional tolerance:  $\pm 0.5\text{mm}$

## Rear Panel

