AVTECH

AVH2117AX

16CH PoE Solution
EaZy Networking
Push Video / Push Status
Alarm Scenario Setup

NDAA Compliant

TAA Compliant

16CH H.265 NVR w/ 16CH PoE

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
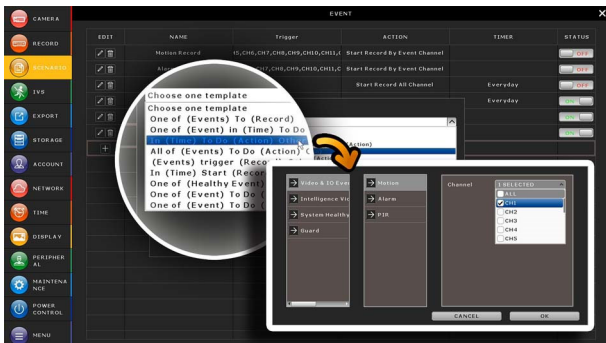
Save
H.265

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.

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.

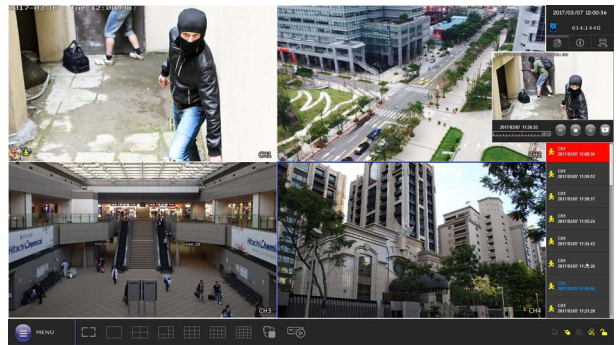## Push Video & Push Status - Active Event Notification with EagleEyes App

- Push Video to send instant notifications for an alarm event when an alarm device is connected to the recorder.

- Push Status to send instant notifications for system events, such as video loss or HDD data removal.

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.
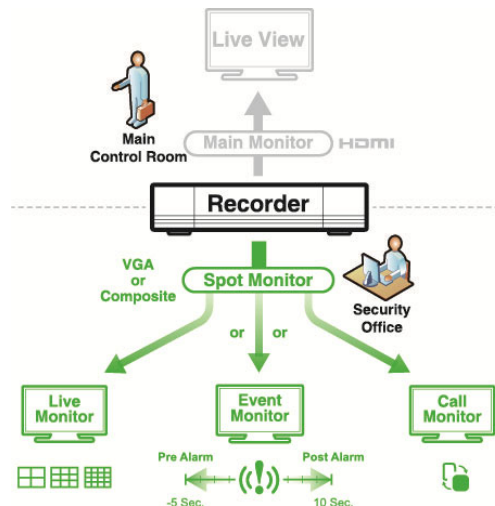
Event Pop-up / Preview

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.

Spot Monitor

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

Live View

Main Control Room

Main Monitor HDMI

Recorder

VGA or Composite

Spot Monitor

Security Office

Live Monitor

Event Monitor

Pre Alarm   Post Alarm
-5 Sec.   10 Sec.

Call Monitor

Specifications*

Hardware		
Video Input		LAN port with PoE x 16
Video Output	HDMI	YES (4K2K)
	VGA**	YES (720P / Spot Monitor Supported)
	Composite	YES (Spot Monitor Supported)
Video Output Resolution		Up to 4K2K (3840 x 2160)
Audio		1 in (mic in) / 1 out
Alarm I/O		4 in / 1 out
RS485		YES
HDD Storage***		Either two 16TB SATA HDD installed in the recorder, or one 16TB SATA HDD installed and a disk array connected to the recorder via the eSATA interface
USB Port		USB 2.0 x 2
eSATA Port		Expandable with a SATA to eSATA cable
Ethernet	LAN port	10/100 Mbps with PoE (IEEE802.3af)
	WAN port	1000 Mbps x 1
Fan		YES

Software	
Video Compression Format	H.265
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
Record Streaming	Dual
Recording Resolution	480 IPS @ 4K2K (3840 x 2160)
Recording Throughput	80Mbps
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 (16CH)
Spot Monitor Setup	Call Monitor / Event Monitor / Live Monitor (VGA or Composite)
Alarm Scenario Setup	YES
Alarm Pop-up & Preview	YES
Free 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	(1) Web browser: Windows Edge, Internet Explorer, Google Chrome & Safari (2) PC program: CMS Lite, 32CH CMS software for Windows OS (3) Mobile app: EagleEyes on iOS & Android mobile devices

General

Power Source (±10%)	DC54V / 3.2A
PoE Power Output	IEEE802.3af, 130W total
Operating Temperature	10℃ ~ 40℃ (50℉~104℉)
Operating Humidity	10% ~ 85%
Dimensions (mm)*****	319.5 x 254.9 x 52
Net Weight (kg)	2
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, DirectX 9.0 or later • Windows Edge, Internet Explorer 7.x or later
Optional Peripherals	SATA to eSATA cable (PWSC07F320200)
Certification	CE / UL (Power Adapter)

*The specifications are subject to change without notice.   ** unavailable when the HDMI video display is set to 4K2K.   *** HDDs are optional.
**** Available only when the connected cameras are supported.   ***** Dimensional tolerance: .±5mm

Rear Panel