AVTECH

AVH517

RS485 Communication
Multicast
Push Status
16CH 2MP Real-Time Video Recording

16CH H.265 2MP NVR

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
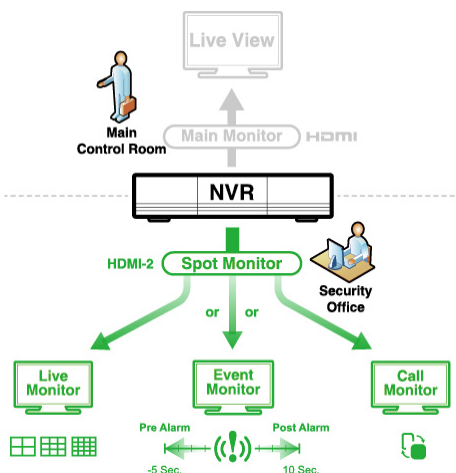
Push Status - Active Event Notification with EagleEyes App

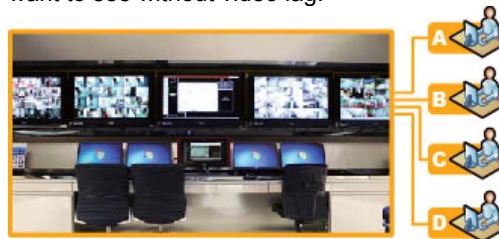Sends instant notifications for system events, such as video loss or HDD data removal

Spot Monitor

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

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.

Powerful Storage Capacity

Support up to five 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

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 24CH 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

Specifications*

Hardware

Video Input	One LAN port (up to 16 IP cameras)
Video Output	HDMI x 2 / VGA x 1
Video Output Resolution	HDMI-1: Up to 3840 x 2160 (4K2K) HDMI-2 & VGA: Up to 1920 x 1080 (Full HD)
Audio Output	YES
Audio Input (Mic In)	YES
Alarm I/O	4 in / 1 out
HDD Storage**	Five 6TB hard disks
eSATA Port	YES
RS-485 Port	YES
USB Ports	USB 3.0 x 1 / USB 2.0 x 2
IR Remote Control	YES
Ethernet	LAN port	1000Mbps
	Internet port	1000Mbps

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
Record Stream	Dual
Recording Mode	Manual / Event / Alarm / Schedule
Recording Throughput	Up to 480 IPS @ 2592 x 1944, Up to 300Mbps
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
Seamless Recording	YES
Smart Search	YES
Spot Monitor Setup	Call Monitor / Event Monitor / Live Monitor (HDMI-2 only)

Specifications*

General	
Power Source (±10%)	DC19V / 4.7A
Operating Temperature	10℃ ~ 40℃ (50℉~104℉)
Operating Humidity	10% ~ 85%
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 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) / Disk Array (AVX997 / AVX992)

*The specifications are subject to change without notice   ** HDDs are optional.   *** Dimensional tolerance: ±5mm

Rear Panel