HD-NVR (PoE)

HVR-F5/6xx Series
HD-NVR with Built-in PoE (Max. 16Ch)

Plug & Play | Real-time | HD 1080p

- **Plug & Play** with **Built-in PoE** (Max. 16ch)
- **IEEE 802.3 at : Auto Power Distribution to each PoE Port (Max. 30W/PoE Port)**
- Additional Channels for 4ch & 8ch model(5ch & 1ch, each)
- **ONVIF** Compatible & **Auto IP Camera Detection/Registration**
- **Intelligent Dual(Main & Sub) Stream Recording/Display**
- **System Performance Monitoring**(Bandwidth & Network Status, etc.)
- **P2P Function** that doesn't require Port Forwarding
- iSCSI function Support – External HDD through Network
- Smart Search – Multiple search by time & minutes' base
- **Link Local(Zero Configuration)** Supports
- **H.264 I-Reference** Supports

[HVR-F504]

[HVR-F508/616]

MODEL		HVR-F0504 (4 Ch)	HVR-F508 (8 Ch)	HVR-F616 (16 Ch)
Max. HDD Bay		1 x SATA HDD	4 x SATA HDD	4 x SATA HDD
Operating System		Embedded Linux		
IP Camera	Channel	4 Ch + 5 Ch(additional)	8 Ch + 1 Ch(additional)	16 Ch
	Protocol	FOCUS, ONVIF		
	No. of PoE	4 Ch	8 Ch	16 Ch
	PoE Type	100Mbps, 802.3at		
Display	Speed	270fps	270fps	480fps
	Screen Mode	1, 4 & 9	1, 4 & 9	1, 4, 9 & 16
Video-In		IP Camera (Up to 4K UHD)		
Video-Out	Monitor	Composite & VGA & HDMI		
	Resolution	HDMI: 800x600, 1024x768, 1280x1024, 1920x1080 (Selectable)		
Recording Speed	CIF ~ 1080P	270fps	270fps	480fps
	1920P	270fps	270fps	480fps
	2160P	270fps	270fps	480fps
Recording Resolution		Main Stream(up to 4K) & Sub Stream		
Recording Modes		Continuous, Scheduled, Sensor-Activated & Motion Detection Recording		
		Pre & Post Alarm Recording, Emergency Recording, Quick Backup		
Playback & Search	Speed	x1, x2, x4, x8, x16, x32, x64, x99		
	Ch & Resolution	1 & 4 : Main Stream, 9 & 16 : Sub Stream		
	Function	Intelli-Search by Time Bar, Calendar (Date & Time) and Event Search		
Audio Input / Output		1 Ch / 1 Ch		
Alarm Input / Relay Output		4 Ch / 1 Ch		
P/T/Z Control		RS-485, ONVIF		
LAN		Gigabit Ethernet (RJ45) - Fixed IP, DHCP & DDNS		
Network Function		1) Dual-Stream (Local Recording & Network Transmission)		
		2) Dual-Recording(Live Display / Playback)		
		3) Live Monitoring, Remote Playback and File Backup (Triplex-on-Remote)		
		4) Time Synchronization by NTP Server ("pool.ntp.org")		
		5) Remote & E-Mail Notification, Remote System Reboot by IE, Remote PTZ Control		
		6) P2P Service (No Port forwarding required)		
Remote Management	Software	CMS & MMS (MV3000)		
	Web (IE)	Live Monitoring, Playback & System Configuration		
Backup Device		Local Backup by USB ODD, Network Backup by CMS, File Upload to FTP Server		
System Recovery after Power Failure		Auto-Reboot and Journaling File System		
Advanced Functions		1) Firmware Upgrade by USB & CMS over Network		
		2) Import & Export of Setting Value, Water-Mark, AVI File Backup		
		3) Quick Setup to designate Recording Period		
		4) HDD SMART Info (Model, Capacity, Bad Sector, Temperature, Used Period)		
		5) Warning Alarm for System Over-Temperature		
		6) Help Message for easy setup & Multi-Language support		
		7) Digital Zoom for both Live & VOD mode		
		8) Smart Search		
POS		Text-in Based (USB to Serial support, TCP/IP Network)		
System Operation		Front Button, IR Remote Controller, USB Mouse, Keyboard (Option)		
Power		48V x 1.88A D/C	48V x 3.3A D/C	110 ~240V A/C
Operating Temperature and Humidity		5~40 ℃ / 20~90% RH		
Dimension (WxDxH)		264 x 245 x 44 (mm)	360 x 380 x 66 (mm)	420 x 400 x 88 (cm)
Certification		CE & FCC & KCC & WEEE, RoHS		

(*) Specification is subject to change without prior notice.

P2P Function & ezP2P™ Cloud Service (www.ezp2p.com)

P2P function allows users to connect to the NVR from the remote site - by IE Web Browser, CMS & Mobile App. - without any network setting. (QR Code Support)
It can be managed by P2P™ Cloud Service which is a cloud-based video management system.
Just login to ezP2P™ Cloud Server (www.ezp2p.com) with your own account and enjoy thumbnail preview and instant live monitoring.
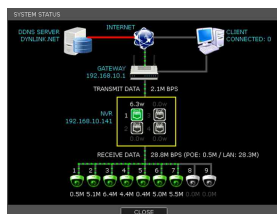

[P2P Setup Menu]

[Main Page]   **[Preview]**

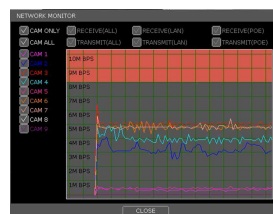# System Status Monitoring

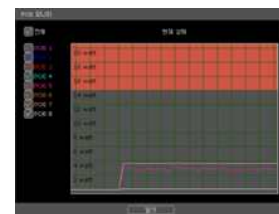User can easily monitor NVR System Status, Performance, Network Bandwidth & PoE Status.

[System Status]

[System Performance]

[Network Bandwidth]

[PoE Status]

Typical PUSH Function

2 PUSH Functions below provides you with efficient monitoring and control of your DVR. It allows you to be free from constant attention to the event that may or may not happen.

PUSH Network
Connection under Sensor Event

PUSH Video Call
to iPhone & Android Phone

Smart Search Function

User can search image with multiple screen mode with detail time units(time, minutes).
It supports very efficient(Easy & Quick) search for a long period images.

[Thumbnail Search]

[Multiple Time Search]