

# PoE NVR

# HVR-FN5 series

Plug & Play with Built-in PoE (Max. 16ch)  
 IEEE 802.3 at : Auto Power Distribution to each PoE Port (Max. 30W/PoE Port)  
 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-FN504]



[HVR-FN508/516]

MODEL		HVR-FN504(4 Ch)	HVR-FN508 (8 Ch)	HVR-FN516 (16 Ch)
Max. HDD Bay		1 x SATA HDD	2 x SATA HDD	2 x SATA HDD
Operating System		Embedded Linux		
IP Camera	Channel	4 Ch	8 Ch + 1 Ch(additional)	16 Ch
	Protocol	ONVIF		
	No. of PoE	4 Ch	8 Ch	16 Ch
	PoE Type	100Mbps, 802.3at	100Mbps, 802.3at	1000Mbps, 802.3at
Display	Speed	120fps	270fps	480fps
	Screen Mode	1, 4	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, 3840x2160 (4K) (Selectable)		
Recording Speed	CIF ~ 1080P	120fps	270fps	480fps
	1920P	120fps	270fps	480fps
	2160P	120fps	270fps	480fps
Recording Resolution		Main Stream(up to 4K) & Sub Stream		
Network bandwidth (Max)		40Mbps	80Mbps	80Mbps
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		ONVIF	ONVIF	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		IR Remote Controller, USB Mouse, Keyboard (Option)		
Power		48V 1.36A D/C	110~240V A/C (180W)	110 ~240V A/C (280W)
Operating Temperature and Humidity		5~40 °C / 20~90% RH		
Dimension (WxDxH)		315 × 240 × 48 mm (1U)	385 × 315 × 52 mm (1U)	385 × 315 × 52 mm (1U)
Certification		CE & FCC & KCC & WEEE, RoHS		

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

