



## PRO

# NVR Enhance PoE 7100 Series FEATURES

## 16/32/48-CH 16/24-PoE 4K H.265 Enhance PoE 7100 Series NVR

### Power Decoding Capacity & Flexible Storage Options

- The 4K NVR is equipped with solid 4K decoding and display capabilities and maximum supports simultaneous viewing of 16\*1080P or 32\*720P network cameras.
- Providing flexible storage options including HDD and NAS to address the needs for versatile storage.

### Reliability and Usability

- RAID improves the disk reliability to ensure the recording security.
- ANR can store video data on the camera storage card when network between IPC and NVR is disconnected and retransfer the recorded video to NVR after network recovers.
- N+1 Hot Spare can keep the system working on and ensure the data integrity and reliability.

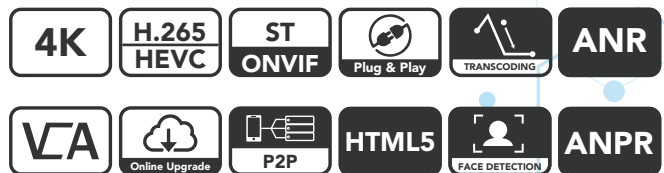
### AI Video Analytics & POS Integration

- All-in-one to Manage AI & ANPR: VCA Function focus on human and vehicle detection. People Counting provides high-accuracy data and statistic reports. Face Detection function supports attribute recognition. Enterprise ANPR Management makes it easy to monitor traffic.
- POS machine information can be transferred to and displayed on the NVR.

### Flexible Structure

- Multi-video Output in two ways: Independent Outputs and Synchronous Outputs
- A whole array of ports provides all necessary features for effective surveillance.

- 16/32/48-CH Input & 16/24\*PoE Ports
- Saves on H.265+ 70%~80% bandwidth that of H.264.
- HTML5 Streaming Ready
- Transcoding



## TECHNICAL SPECIFICATION

### VIDEO/AUDIO INPUT

	MV-NVR7116CH-16P4S	MV-NVR7132CH-24P4S	MV-NVR7148CH-24P4S
Network Video Input	16-CH	32-CH	48-CH
Bandwidth Incoming	160Mbps	256Mbps or 200Mbps (whenRAIDisenabled)	320Mbps or 200Mbps (whenRAIDisenabled)
Bandwidth Outgoing	160Mbps	256Mbps or 200Mbps (whenRAIDisenabled)	

### VIDEO/AUDIO OUTPUT

HDMI Output	1-CH, Resolution: 3840x2160/60Hz, 3840x2160/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz HDMI Supports Audio Output		
VGA Output	1-CH, Resolution: 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz		
Dual Stream	Support		
Recording Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/D1/VGA/CIF/QCIF		
Synchronous Playback	4*(30fps @8MP), 5*(30fps @6MP), 6*(30fps @5MP), 8*(30fps @4MP), 10*(30fps @3MP), 16*(30fps @1080P), 16*(30fps @720P)	14*(30fps @8MP), 5*(30fps@6MP), 6*(30fps @5MP), 8*(30fps@4MP), 10*(30fps@3MP), 16*(30fps@1080P), 32*(30fps@720P)	

### VIDEO/AUDIO COMPRESSION

Video Compression	H.265+/H.265(HEVC)/H.264+/H.264
Audio Compression	G.711/AAC/G.722/G.726
Sample Rate	8KHz/16KHz

### STORAGE

SATA	4*SATA HDD(3.5")
Capacity	Up to 10TB capacity for each HDD

### DISK ARRAY

Array Type	RAID0, RAID1, RAID5, RAID6, RAID10
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### RECORDING MANAGEMENT

Recording Type	Continuous, Event (Motion Detection, Alarm, VCA, Smart Analysis)
Snapshot Type	Continuous, Event (Motion Detection, Alarm, VCA, Smart Analysis)
Playback Type	General Playback, Event Playback, Tag Playback, Split Playback, Picture Playback
Backup	Video Backup, Image Backup
Network	IPv4/IPv6, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, NTP, SNTP, SMTP, SNMP, UPnP, NFS

### EXTERNAL INTERFACE

Network Interface	1*RJ45 10/100/1000Mbps
Serial Interface	1*RS-485 Series Port for PTZ 1*RS-232 Series Port for Console 1*RS-485 Series Port for Keyboard
USB Interface	1*USB 3.0; 2*USB 2.0
Audio Input/Output	1*RCA/1*RCA
Alarm Input/Output	16-CH/4-CH

## PRO SERIES

### TECHNICAL SPECIFICATION

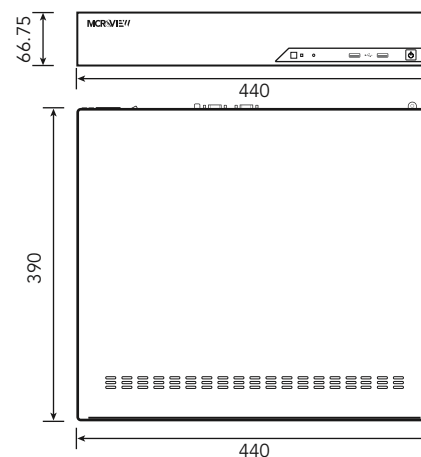
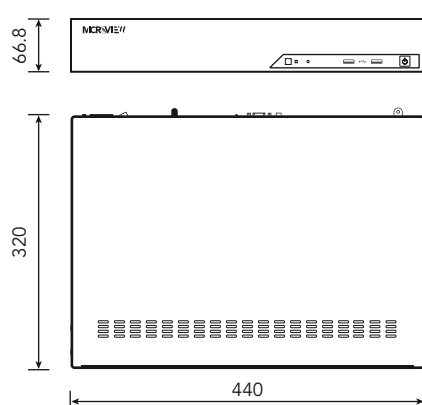
#### PoE INTERFACE

	MV-NVR7116CH-16P4S	MV-NVR7132CH-24P4S	MV-NVR7148CH-24P4S
Interface	16*RJ45 10/100Mbps	24*RJ45 10/100Mbps	
Power Output	≤200W		
Supported Standard	IEEE 802.3af/at		

#### GENERAL

Compatibility	ONVIF, API		
Advanced Function	ANR		
ANPR	Support		
Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Human Detection, People Counting, Object Left, Object Removed		
Keyboard Control	Microview Keyboard (MS-K01)		
Power Supply	AC 100V~240V 50Hz~60Hz		
Consumption	≤20W(Without HDD, without enabling PoE)	≤18W(Without HDD, without enablingPoE)	
Working Conditions	Temperature: -10°C~55°C/Humidity: 10%~90%		
Dimensions	Rack Mountable Chassis (1.5U Standard) 440mm(W)X320mm(D)X66.8mm(H)	Rack Mountable Chassis (1.5U Standard) 440mm(W)X390mm(D)X66.75mm(H)	
Consumption	5.0Kg	4.89Kg	
Warranty	3/5 Years		

### STRUCTURE DIAGRAM



**PRO SERIES** ⚙️

**INTERFACE**

MV-NVR7016CH-16P4S



MV-NVR7032CH-24P4S / MV-NVR7048CH-24P4S



- 1. Run Indicator    2. HDD Indicator    3. USB    4. Power    5. PoE Ports    6. LAN    7. Audio Out    8. Audio In
- 9. RS-232    10. VGA    11. HDMI    12. USB    13. RS-485    14. Alarm Out    15. Alarm In    16. Power

