



PRO

NVR Ultra PoE 5100 Series

8/16 CH 8/16 PoE 4K H.265 Ultra PoE 5100 Series Network Video Recorder

Powerful Decoding Capacity

Maximum support 6*1080P or 12*720P network camera viewing at the same time.

Smart VCA Management

Microview NVR Ultra PoE 5100 Series supports alarm configurations and event search of Microview Smart VCA. Once suspicious events detected, the devices can trigger alarms and recordings, improving video surveillance efficiency.

Enterprise ANPR Management

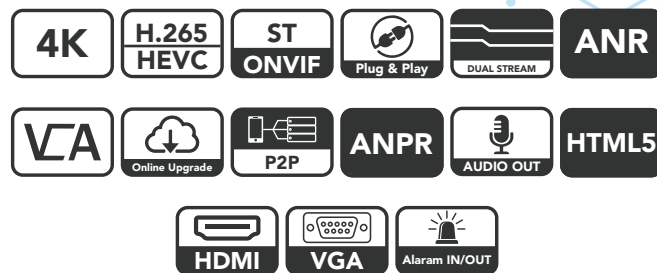
Defined as the Enterprise ANPR management system, Microview NVR Ultra PoE 5100 Series (MV-NVR5016CH-16P2S) becomes the central management site to easily monitor the traffic, including the real-time preview of the car plates, smart analysis and other more detailed settings.

POS Integration

The combination of retail transaction data with surveillance videos makes it easy to check goods settlement, miscalculation and missing calculation in the stores, supermarkets and other places, which is helpful to boost customer service and in-store competitive advantage.

FEATURES

- 8/16*PoE Ports
- HDMI & VGA.
- Saves on H.265+ 70%~80% bandwidth that of H.264.
- 4K Video Viewing Experience
- Flexible Storage Options HDD and NAS storage supported.)
- Dual Stream Recording.
- ANR (Automatically replenish the recording gap.)
- Versatile Interfaces (HDMI, VGA, USB, 8/16 PoE ports etc.)



PRO SERIES

TECHNICAL SPECIFICATION

VIDEO/AUDIO INPUT

	MV-NVR5008CH-8P2S	MV-NVR5016CH-16P2S
Network Video Input	8-CH	16-CH
Bandwidth Incoming	80Mbps	80Mbps
Bandwidth Outgoing	80Mbps	50Mbps

VIDEO/AUDIO OUTPUT

HDMI Output	1-CH, Resolution: 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	8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/D1/VGA/CIF/QCIF	
Synchronous Playback	1*(30fps @8MP), 1*(30fps @6MP), 1*(30fps @5MP), 2*(30fps @4MP), 2*(30fps @3MP), 4*(30fps @1080P), 8*(30fps @720P)	1*(30fps @8MP), 2*(30fps @6MP), 2*(30fps @5MP), 3*(30fps @4MP), 4*(30fps @3MP), 6*(30fps @1080P), 12*(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
Synchronous Recording	8*5MP

Storage

SATA	2*SATA HDD(3.5")
Capacity	Up to 10TB capacity for each HDD

RECORDING MANAGEMENT

Recording Type	Continuous, Event (Motion Detection, Alarm, VCA, Smart Analysis)	
Snapshot Type	N/A	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 Protocol	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
USB Interface	2*USB 2.0

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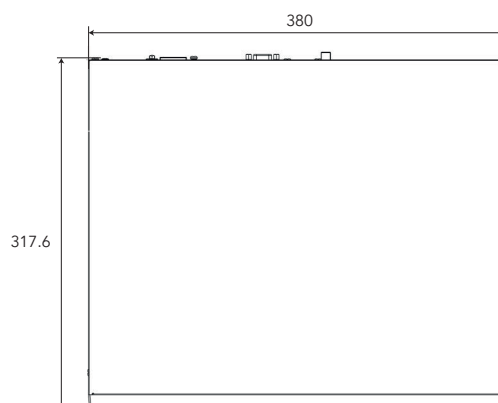
PoE INTERFACE

	MV-NVR5008CH-8P2S	MV-NVR5016CH-16P2S
Interface	8*RJ45 10/100Mbps	16*RJ45 10/100Mbps
Power Output	≤120W	≤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, LineCrossing, Loitering, Human Detection, People Counting, Object Left, Object Removed	
Keyboard Control	Microview Keyboard (MS-K01)	
Power Supply	AC 100V~240V 50Hz~60Hz	DC48V1.25A
Consumption	≤9W(Without HDD, without enabling PoE)	≤8.5W(Without HDD, without enabling PoE)
Working Conditions	Temperature: -10°C~55°C / Humidity: 10%~90%	
Dimension	Rack Mountable Chassis (1.0U Standard) 380mm(W)X317.6mm(D)X51.8mm(H)	
Consumption	2.6Kg	2.7Kg
Warranty	3/5 Years	

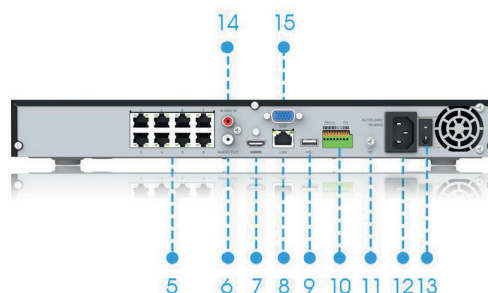
STRUCTURE DIAGRAMS



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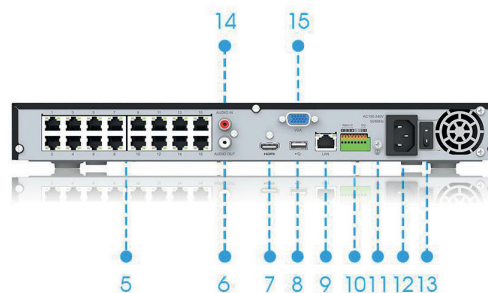
INTERFACE

MV-NVR5008CH-8P2S



1. Run Indicator 2. HDD Indicator 3. Power Indicator 4. USB 5. PoE Ports 6. Audio Out 7. HDMI 8. Ethernet Port
 9. USB 10. Alarm In/Out 11. GND 12. Power 13. Power Button 14. Audio In 15. VGA

MV-NVR5016CH-16P2S



1. Run Indicator 2. HDD Indicator 3. Power Indicator 4. USB 5. PoE Ports 6. Audio Out 7. HDMI 8. USB
 9. Ethernet Port 10. Alarm In/Out 11. GND 12. Power 13. Power Button 14. Audio In 15. VGA