

4K H.265 PoE NVR 5000 Series



PoE

4K+H.265

MS-N5008-UPT/MS-N5016-UPT

Armsec

DATASHEET

KEY FEATURES

- ▶ **8/16*PoE Ports** (8/16*PoE ports design provides just one step to connect camera to NVR.)
- ▶ **8*1080P, 16*720P** (Maximum supporting 8*1080P or 16*720P network cameras viewing at the same time.)
- ▶ **HDMI & VGA** (Providing both HDMI and VGA ports for users to choose according to their monitor types.)
- ▶ **2*3.5"HDD** (2 SATA of 3.5"HDD, providing 10TB capacity for each HDD, up to 20TB total hard disk storage.)
- ▶ **Video Content Analysis** (With 10 detection modes, VCA greatly enhances the performance bringing comprehensive surveillance functions.)

Plug and Play

Milesight PoE NVR 5000 Series features 8 independent PoE ports. The NVR will automatically detect, configure and play the live view of the network cameras once the cable is plugged.



H.265+H.264

Smartly figure out and switch between H.264 and H.265 automatically. It will extend the days to save recording file with H.265 than with other compressions.



Powerful Decoding Capacity

Maximum support 8*1080P or 16*720P network cameras viewing at the same time.



4K Video Viewing Experience

Milesight 4K H.265 PoE NVR 5000 Series supports up to 4K definition (3840*2160, effectively four times that of Full HD) live viewing, playback and recording, providing users with ultra-high-definition video viewing experience.





Model			MS-N5008-UPT	MS-N5016-UPT
Video/Audio Input	Network Video Input		8-CH	16-CH
	Bandwidth	Incoming	80Mbps	160Mbps
		Outgoing	80Mbps	160Mbps
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		2*(30fps @8MP), 2*(30fps @6MP), 3*(30fps @5MP), 4*(30fps @4MP), 5*(30fps @3MP), 8*(30fps @1080P), 8*(30fps @720P)	2*(30fps @8MP), 2*(30fps @6MP), 3*(30fps @5MP), 4*(30fps @4MP), 5*(30fps @3MP), 8*(30fps @1080P), 16*(30fps @720P)
Video/Audio Compression	Video Compression		H.265 ⁺ /H.265(HEVC)/H.264 ⁺ /H.264	
	Audio Compression		G.711/AAC	
	Sample Rate		8KHz/16KHz	
	Synchronous Recording		8*5MP	16*5MP
Storage	SATA		2*SATA HDD(3.5")	
	Capacity		Up to 10TB capacity for each HDD	
Recording Management	Recording Type		Continuous, Motion Detection, Alarm, Smart Event, Event (Motion Detection, Alarm, Smart Event)	
	Snapshot		Manual Snapshot	
	Playback		Video Playback, Image Playback	
Backup	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 100M/1000M	
	USB Interface		1*USB 3.0; 2*USB 2.0	
	Audio Output		1*RCA	
	Alarm Input/Output		4-CH/1-CH	
PoE Interface	Interface		8*RJ45 10M/100M	16*RJ45 10M/100M
	Power Output		≤120W	≤200W
	Supported Standard		IEEE 802.3af/at	
General	Compatibility		ONVIF	
	Video Analysis		Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Human Detection, People Counting	
	Keyboard Control		Milesight Keyboard (MS-K02)	
	Power Supply		AC 100V~240V 50Hz~60Hz	
	Consumption		≤10W(Without HDD, without enabling PoE)	≤15W(Without HDD, without enabling PoE)
	Working Conditions		Temperature: -10℃~55℃/Humidity: 10%~90%	
	Dimensions		Rack Mountable Chassis (1.0U Standard) 440mm(W)X251mm(D)X44.4mm(H)	
	Weight		3.5Kg	
	Warranty		3/5 Years	

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Interfaces

MS-N5008-UPT



1 2 3 4



5 6 7 8 9 10 11 12

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

MS-N5016-UPT



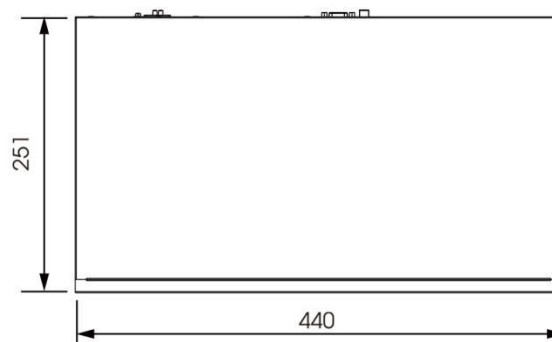
1 2 3 4



5 6 7 8 9 10 11 12

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

Structure Diagrams



Naming Convention



Units: mm

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