

4K H.265 PoE NVR 7000 Series



PoE
4K+H.265



MS-N7016-UPH/MS-N7032-UPH

[DATASHEET](#)

KEY FEATURES

- ▶ 16*PoE Ports (16*PoE ports design provides just one step to connect camera to NVR.)
- ▶ 16*1080P, 32*720P (Maximum supporting 16*1080P or 32*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.)
- ▶ 4*3.5"HDD (4 SATA of 3.5"HDD, providing 10TB capacity for each HDD, up to 40TB total hard disk storage.)
- ▶ RAID 0/1/5/6/10 (Supporting 5 different RAID levels (0, 1, 5, 6,10) for the needs of users.)
- ▶ Video Content Analysis (With 10 detection modes, VCA greatly enhances the performance bringing comprehensive surveillance functions.)

Plug and Play

Milesight PoE NVR 7000 Series features 16 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 up to 16*1080P or 32*720P network cameras viewing at the same time.



4K Video Viewing Experience

Milesight 4K H.265 PoE NVR 7000 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-N7016-UPH	MS-N7032-UPH
Video/Audio Input	Network Video Input	16-CH	32-CH
	Bandwidth	Incoming 160Mbps Outgoing 160Mbps	256Mbps or 200Mbps(When RAID is enabled) 256Mbps or 200Mbps(When RAID is enabled)
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)	4*(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	
	Sample Rate	8KHz/16KHz	
	Synchronous Recording	16*5MP	32*5MP
Storage	SATA Capacity	4*SATA HDD(3.5") Up to 10TB capacity for each HDD	
Disk Array	Array Type	RAID0, RAID1, RAID5, RAID6, RAID10	
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 1*RS-485 Series Port for PTZ	
	Serial Interface	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	
	PoE Interface	Interface	16*RJ45 10M/100M
	Power Output	≤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	≤15W(Without HDD, without enabling PoE)	
	Working Conditions	Temperature: -10℃~+55℃ Humidity: 10%~90%	
	Dimensions	Rack Mountable Chassis (1.5U Standard) 440mm(W)X320mm(D)X66.8mm(H)	
	Weight	5.0Kg	
Warranty	3/5 Years		

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Interfaces

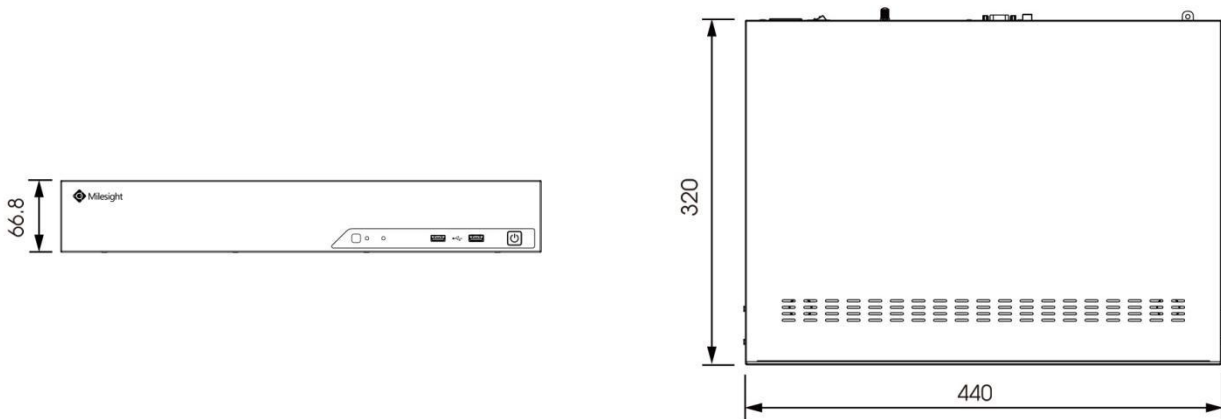


- 1. Run Indicator 2. HDD Indicator 3. USB 4. Power
- 5. PoE Ports 6. LAN 7. Audio Out 8. Audio In
- 9. RS-232 10. VGA 11. HDMI 12. USB 13. RS-485 14. Alarm Out 15. Alarm In 16. Power

Installation of HDDs

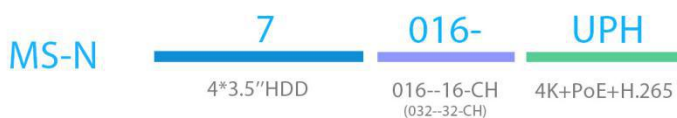


Structure Diagrams



Units: mm

Naming Convention



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