

4K H.265 Mini PoE NVR 1000 Series



PoE

4K+H.265

MS-N1004-UPC/ MS-N1009-UPT

[DATASHEET](#)

KEY FEATURES

- ▶ **Powerful Decoding Capacity** (Maximum supporting 8*1080P or 9*720P network cameras viewing at the same time.)
- ▶ **3.5" HDD** (1 SATA of 3.5" HDD, providing 10TB hard disk storage.)
- ▶ **Revolutionary Thermal Design** (The aluminum casing serves as a heat sink and the ventilation holes on rear and bottom panels maximize airflow and carry the heat easily.)
- ▶ **Video Content Analysis** (With 10 detection modes, VCA greatly enhances the performance bringing comprehensive surveillance functions.)
- ▶ **ANR** (Can automatically replenish the recording gap due to internet interruptions (by storing at the edge).)

Plug and Play

Milesight Mini PoE NVR features 4 independent PoE ports. The NVR will automatically detect, configure and play the live view of the network cameras once the cable is plugged.



4K Ultra HD

Milesight 4K Mini PoE NVR is a patent design NVR which can work with all ONVIF-compliant IP cameras, supporting dual stream, and up to 4K definition.



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.



Excellent Heat Dissipation

Ventilation holes on rear and bottom panels, an fan inside 9-CH Mini PoE NVR drives airflow, offering excellent performance of cooling and ensuring great protection for components. The aluminum casing united a special panel on bottom improves the effect of heat dissipation.





Model		MS-N1004-UPC	MS-N1009-UPT
Video/Audio Input	Network Video Input	4-CH	9-CH
	Bandwidth	Incoming	40Mbps
		Outgoing	40Mbps
Video/Audio Output	HDMI Output	1-CH, Resolution: 3840x2160/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz HDMI Supports Audio Output	
	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), 4*(30fps @720P)	2*(30fps @8MP), 2*(30fps @6MP), 3*(30fps @5MP), 4*(30fps @4MP), 5*(30fps @3MP), 8*(30fps @1080P), 9*(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	4*5MP	9*5MP
Storage	SATA	1*SATA HDD(3.5")	
	Capacity	Up to 10TB capacity for each HDD	
Recording Management	Recording Type	Continuous, Motion Detection, Smart Event, Event (Motion Detection, 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 10M/100M	1*RJ45 100M/1000M
	USB Interface	2*USB 2.0	
PoE Interface	Interface	4*RJ45 10M/100M	
	Power Output	≤40W	
	Supported Standard	IEEE 802.3af/at	
General	Compatibility	ONVIF	
	Advanced Function	ANR	
	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Human Detection, People Counting, Object Left, Object Removed	
	Keyboard Control	Milesight Keyboard (MS-K02)	
	Power Supply	DC 48V 1.3A	DC 48V 1.25A
	Consumption	≤3.5W(Without HDD, without enabling PoE)	≤6W(Without HDD, without enabling PoE)
	Working Conditions	Temperature: -10℃~55℃/Humidity: 10%~90%	
	Dimensions	220mm(W)X200mm(D)X43.6mm(H)	115mm(W)X115mm(D)X180mm(H)
	Weight	0.2Kg	1.5Kg
	Warranty	3/5 Years	

4K H.265 Mini PoE NVR 1000 Series



Interfaces

MS-N1004-UPC

MS-N1009-UPT

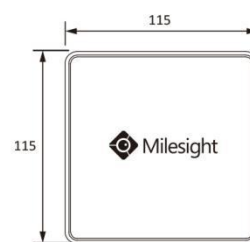
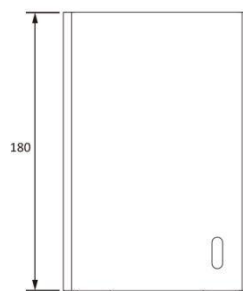
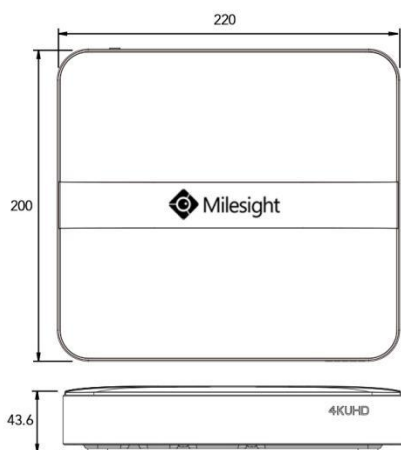


- 1. LED Indicator
- 2. Power Button
- 3. USB
- 4. HDMI
- 5. LAN
- 6. PoE Port 1/2/3/4
- 7. Power
- 8. Ventilation Hole

Structure Diagrams

MS-N1004-UPC

MS-N1009-UPT



Units: mm

Naming Convention



Milesight Technology Co., Ltd. | www.milesight.com

Contact Us: sales@milesight.com support@milesight.com

Add: 220 NE 51st Street, Oakland Park, Florida 33334, USA
Tel: +1-800-561-0485

Add: 925, Anyang SK V1 Center, LS-ro 116beon-gil, Dongan-gu, Anyang-si, Korea
Tel: +82-31-990-7772

Add: No.23 Wanghai Road, 2nd Software Park, Xiamen, China
Tel: +86-592-5922772

