

4K H.265 Mini PoE NVR 1000 Series



PoE

4K+H.265

MS-N1004-UPC/
MS-N1008-UPC/ MS-N1009-UPT

[DATASHEET](#)

KEY FEATURES

- ▶ **Powerful Decoding Capacity** (Maximum supporting liveview 8*1080P or 9*720P for 9-CH models, and 4*1080P for 4-CH/ 8-CH model.)
- ▶ **3.5" HDD** (1 SATA of 3.5" HDD, providing 10TB hard disk storage.)
- ▶ **Versatile Interfaces** (The 4K Mini PoE NVR comes with a whole array of ports such as HDMI port, 2 USB ports, 4 PoE ports and a LAN port.)
- ▶ **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.



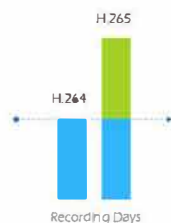
4K Ultra HD

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.



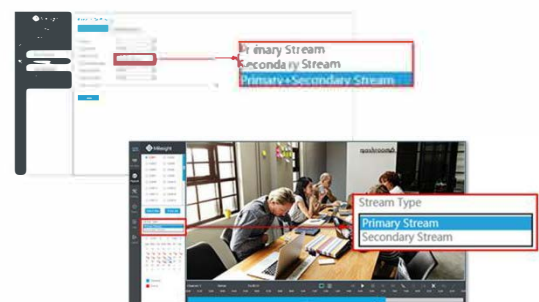
H.265+H.264

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.



Dual Stream Recording

Dual Stream Recording enables the NVR to record in Primary+Secondary Stream. And Secondary Stream could be used in remote playback for better viewing experience.



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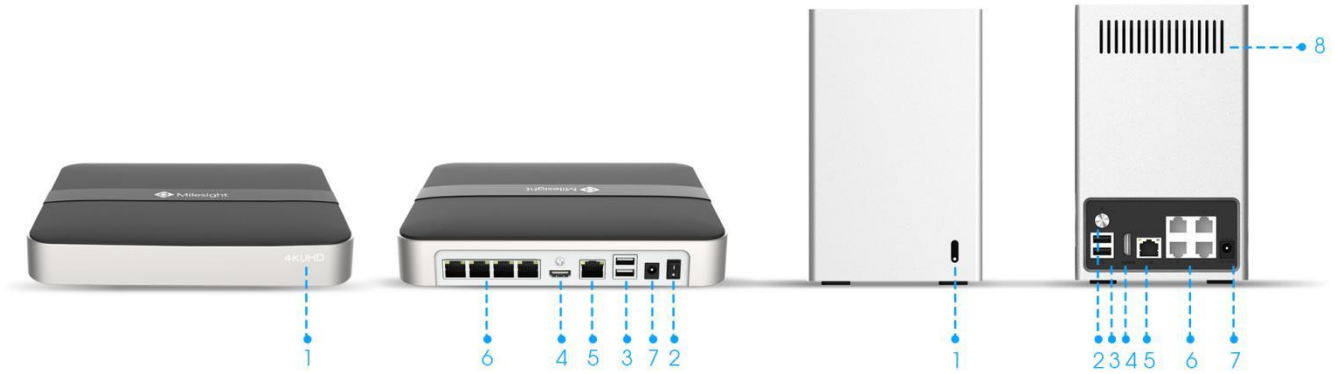
Model		MS-N1004-UPC	MS-N1008-UPC	MS-N1009-UPT	
Video/Audio Input	Network Video Input	4-CH	8-CH	9-CH	
	Bandwidth	Incoming	40Mbps	80Mbps	90Mbps
		Outgoing	40Mbps	80Mbps	90Mbps
Video/Audio Output	HDMI Output	1-CH, Resolution: 3840x2160/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60H, 1280x720/60Hz, 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)	1*(30fps @8MP), 1*(30fps @6MP), 1*(30fps @5MP), 2*(30fps @4MP), 2*(30fps @3MP), 4*(30fps @1080P), 8*(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/G.722/G.726			
	Sample Rate	8KHz/16KHz			
	Synchronous Recording	4*5MP	8*5MP	9*5MP	
Storage	SATA	1*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	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 10/100Mbps		1*RJ45 10/100/1000Mbps	
	USB Interface	2*USB 2.0			
PoE Interface	Interface	4*RJ45 10/100Mbps			
	Power Output	≤40W			
	Supported Standard	IEEE 802.3af/at			
General	Compatibility	ONVIF, API			
	Advanced Function	ANR			
	ANPR	N/A		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	Milesight Keyboard (MS-K01)			
	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	



Interfaces

MS-N1004-UPC/ MS-N1008-UPC

MS-N1009-UPT

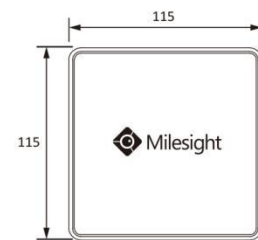
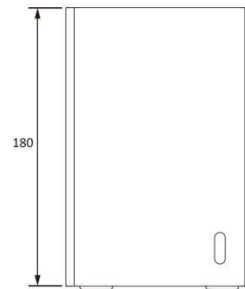
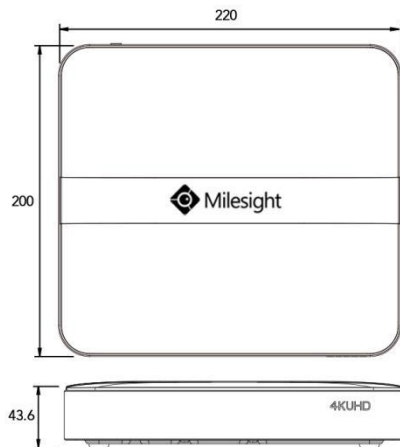


- 1. LED Indicator
- 2. Power Button
- 3. USB
- 4. HDMI
- 5. LAN
- 6. PoE Port 1/2/3/4
- 7. Power
- 8. Ventilation Hole

Structure Diagrams

MS-N1004-UPC/ MS-N1008-UPC

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Units: mm

Naming Convention

