

# 4K H.265 Mini PoE NVR 1000 Series



PoE

4K+H.265

MS-N1004-UPC/ MS-N1009-UPT

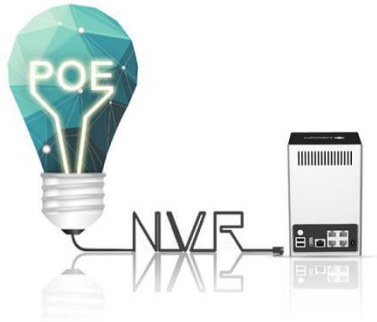
[DATASHEET](#)

## KEY FEATURES

- ▶ **Powerful Decoding Capacity** (Maximum supporting liveview 8\*1080P or 9\*720P for 9-CH models, and 4\*1080P for 4-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 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).)

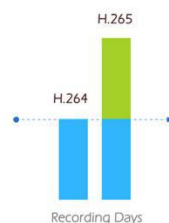
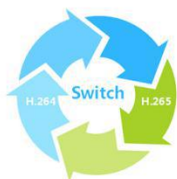
### Plug and Play

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.



### 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.



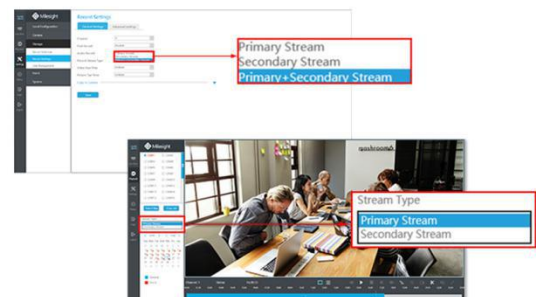
### 4K Ultra HD

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.



### 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.





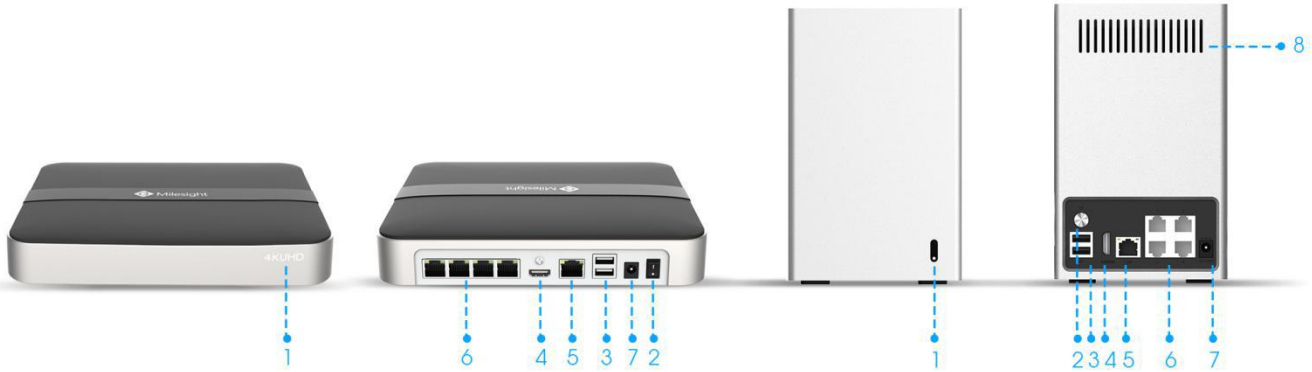
Model		MS-N1004-UPC	MS-N1009-UPT
Video/Audio Input	Network Video Input	4-CH	9-CH
	Bandwidth	Incoming	40Mbps
		Outgoing	40Mbps
Video/Audio Output	HDMI Output	1-CH, Resolution: 3840x2160/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz HDMI Supports Audio Output	
	Dual 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 <sup>+</sup> /H.265(HEVC)/H.264 <sup>+</sup> /H.264	
	Audio Compression	G.711/AAC/G.722/G.726	
	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 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	
	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-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
	Warranty	3/5 Years	



## Interfaces

MS-N1004-UPC

MS-N1009-UPT

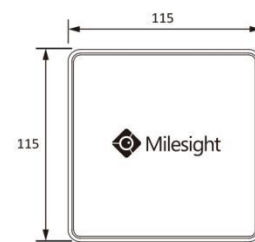
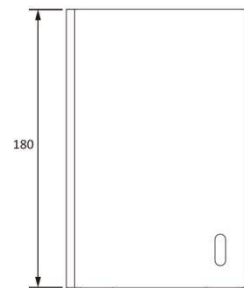
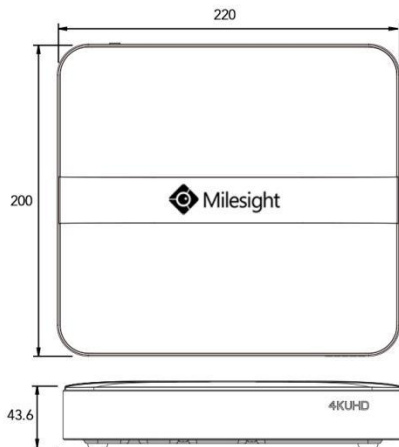


- 1. LED Indicator
- 2. Power Button
- 3. USB
- 4. HDMI
- 5. LAN
- 6. PoE Port 1/2/3/4
- 7. Power
- 8. Ventilation Hole

## Structure Diagrams

MS-N1004-UPC

MS-N1009-UPT



Units: mm

## Naming Convention

