

# 4K H.265 Mini PoE NVR 1000 Series

 4K	 H.265 HEVC	 Onvif	 Plug&Play	 HDMI	 Dual Stream	 ANR
 ANPR	 VCA	 Online Upgrade	 P2P	 HTML5		



[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.



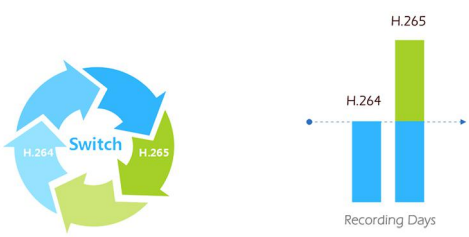
### 4K Ultra HD

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.



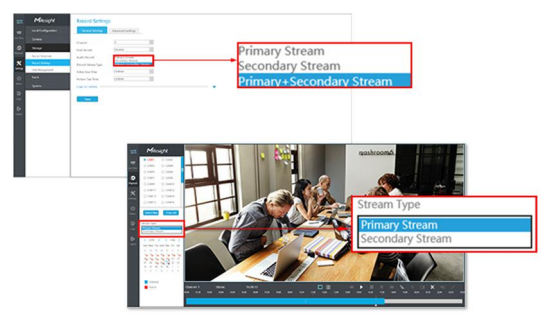
### H.265+H.264

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, 1280x1024/60Hz, 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)	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	
	Warranty	3/5 Years			

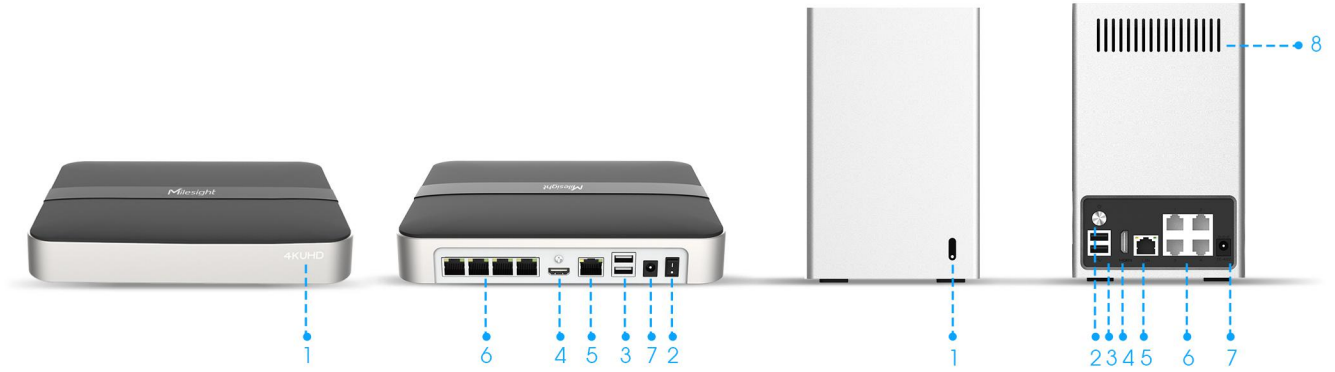
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## Interfaces

MS-N1004-UPC/ MS-N1008-UPC

MS-N1009-UPT

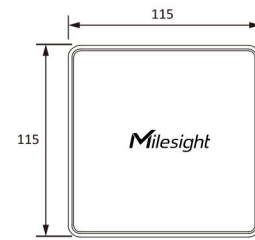
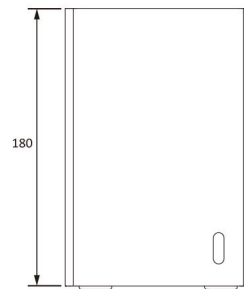
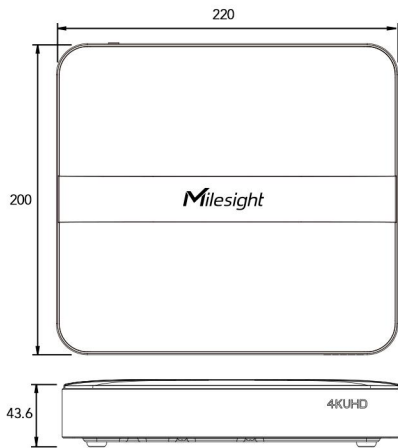


- 1. LED Indicator
- 2. Power Button
- 3. USB
- 4. HDMI
- 5. LAN
- 6. PoE Port 1/2/3/4
- 7. Power
- 8. Ventilation Hole

## Structure Diagrams

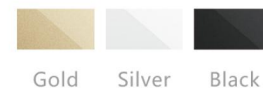
MS-N1004-UPC/ MS-N1008-UPC

MS-N1009-UPT



Units: mm

## Naming Convention



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