

# 4K H.265 Mini NVR 1000 Series

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



MS-N1004-UC/  
MS-N1008-UC/ MS-N1009-UT/MS-N1009-UNT

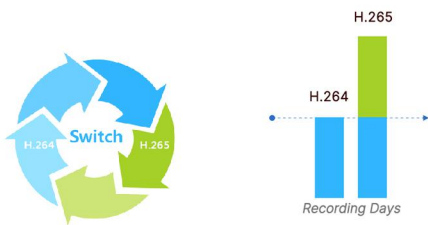
[DATASHEET](#)

## 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.)
- ▶ **1\*3.5" HDD or 2\*2.5" HDD** (Up to 10TB or 4TB total hard disk storage.)
- ▶ **Versatile Interfaces** (The 4K Mini 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).)

### 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.



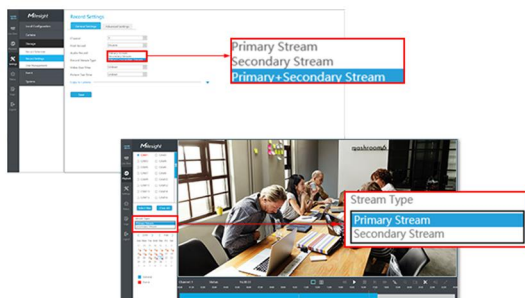
### 4K Ultra HD

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



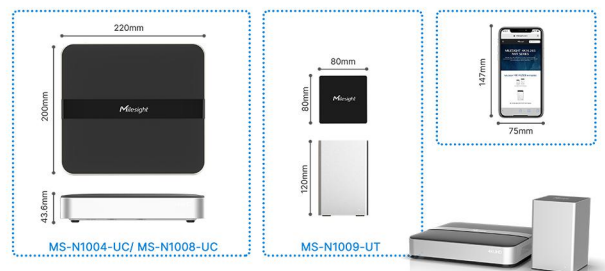
### Dual Stream Recording

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.



### Ultra-mini Size

With dimensions of only 80mm\*80mm\*120mm for MS-N1009-UT and 200mm\*220mm\*43.6mm for MS-N1004-UC/ MS-N1008-UC, they both feature compact and discreet design which provides the easier and simpler way to keep your home and business safe.



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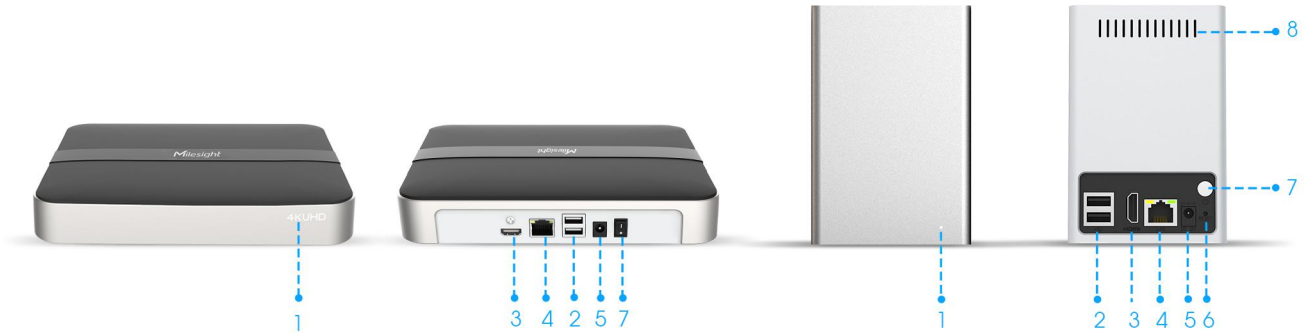
Model		MS-N1004-UC	MS-N1008-UC	MS-N1009-UT	MS-N1009-UNT	
Video/Audio Input	Network Video Input	4-CH	8-CH	9-CH		
	Bandwidth	Incoming	40Mbps	80Mbps	90Mbps	
		Outgoing	40Mbps	80Mbps	90Mbps	
Video/Audio Output	HDMI Output	1-CH, Resolution: 3840x2160/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 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")		2*SATA HDD(2.5")	1*SATA HDD(3.5")	
	Capacity	Up to 10TB capacity for each HDD		Up to 2TB capacity for each HDD	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				
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 12V 2A		DC 12V 1.5A	DC 12V 2A	
	Consumption	≤2.3W(Without HDD)		≤6W(Without HDD)	≤5W(Without HDD)	
	Working Conditions	Temperature: -10℃~55℃/Humidity: 10%~90%				
	Dimensions	220mm(W)X200mm(D)X43.6mm(H)		80mm(W)X80mm(D)X120mm(H)	115mm(W)X115mm(D)X180mm(H)	
	Weight	0.19Kg		0.85Kg	1.1Kg	
Warranty	3/5 Years					



## Interfaces

MS-N1004-UC/ MS-N1008-UC

MS-N1009-UNT/ MS-N1009-UT



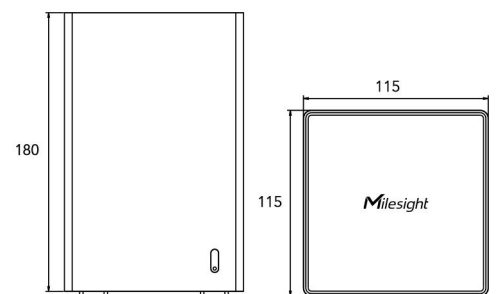
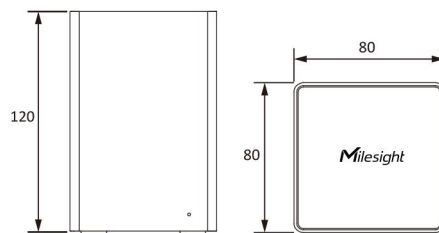
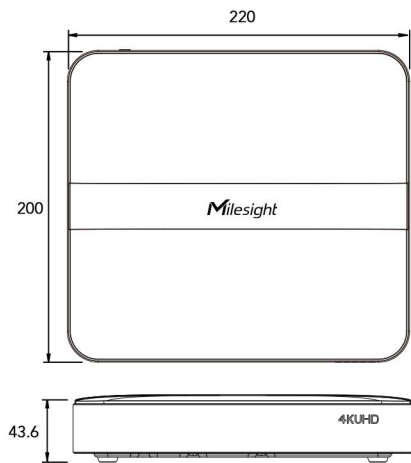
- 1. LED Indicator
- 2. USB
- 3. HDMI
- 4. LAN
- 5. Power
- 6. Reset
- 7. Power Button
- 8. Ventilation Hole

## Structure Diagrams

MS-N1004-UC/ MS-N1008-UC

MS-N1009-UT

MS-N1009-UNT



Units: mm

## Naming Convention

