

# 4K H.265 Mini NVR 1000 Series

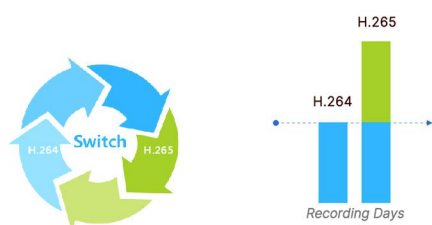

[DATASHEET](#)

## 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.



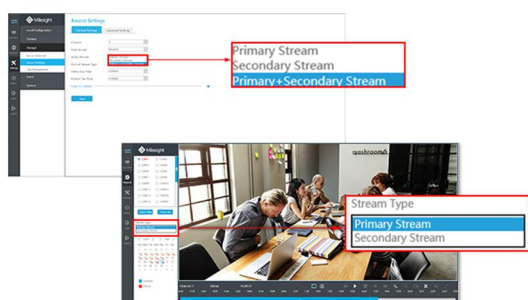
### 4K Ultra HD

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.



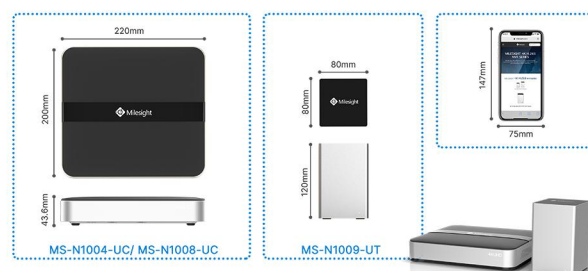
### Dual Stream Recording

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.



# 4K H.265 Mini NVR 1000 Series



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		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			

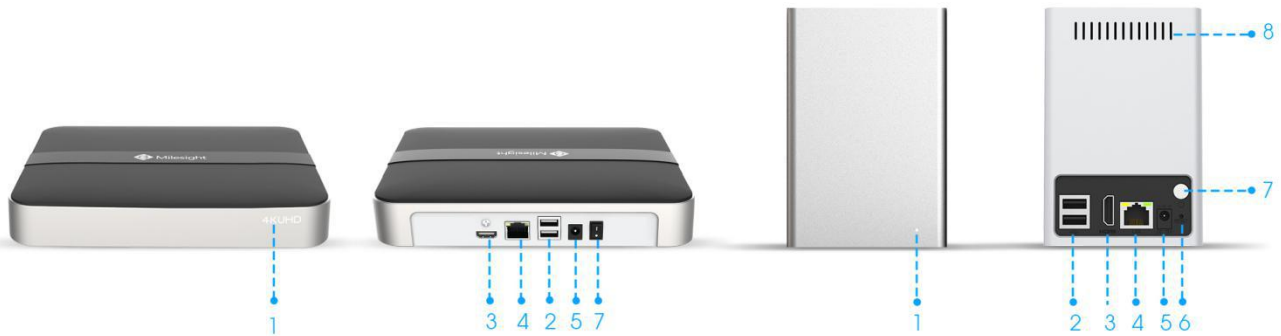
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## Interfaces

MS-N1004-UC/ MS-N1008-UC

MS-N1009-UNT/ MS-N1009-UT



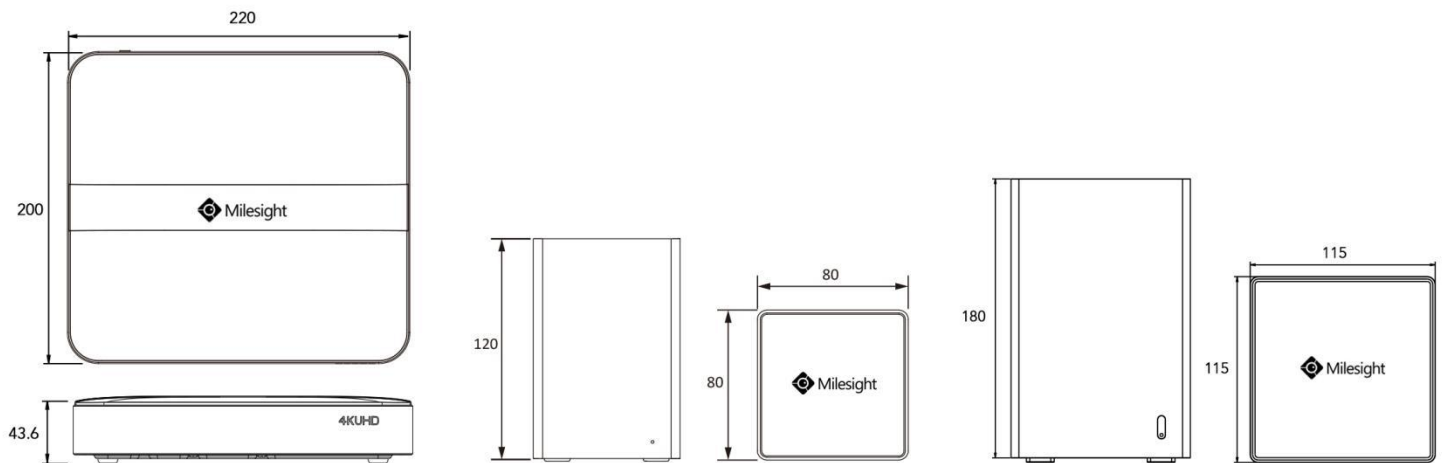
1. LED Indicator   2. USB   3. HDMI   4. LAN   5. Power   6. Reset   7. Power Button   8. Ventilation Hole

## Structure Diagrams

MS-N1004-UC/ MS-N1008-UC

MS-N1009-UT

MS-N1009-UNT

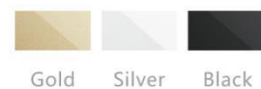


Units: mm

## Naming Convention

MS-N 1 009- U(N)T/C /S

1\*3.5" HDD/ 2\*2.5" HDD   009--9-CH (004--4-CH 008--8-CH)   4K+H.265   S-Silver(B-Black / G-Gold)



Gold   Silver   Black

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