

Milesight

4K Mini PoE NVR 1000 Series

PoE

4K



DATASHEET

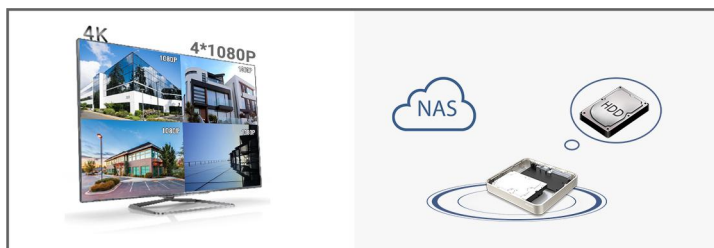


KEY FEATURES

- ▶ 4/8-CH Input & 4*PoE Ports (4/8 channel are supported, and PoE ports design provides just one step to connect.)
- ▶ Dual Stream Recording (Supporting Primary Stream and Secondary Stream recording simultaneously.)
- ▶ Versatile Interfaces (A whole array of ports provides all necessary features for effective surveillance.)

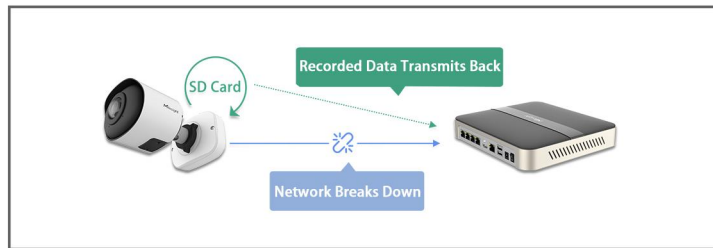
Power Decoding Capacity & Flexible Storage Options

- The 4K NVR is equipped with solid 4K decoding and display capabilities and maximum supports simultaneous viewing of 4*1080P or 8*720P network cameras.
- Providing flexible storage options including HDD and NAS to address the needs for versatile storage.



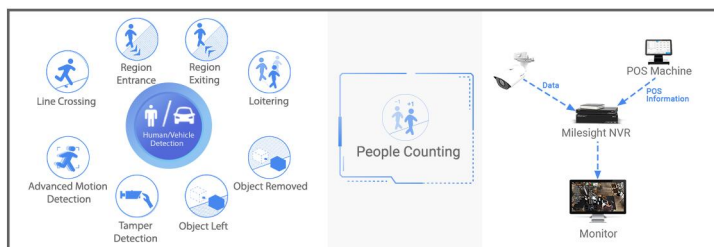
Reliability

- ANR can store video data on the camera storage card when network between IPC and NVR is disconnected and retransfer the recorded video to NVR after network recovers.



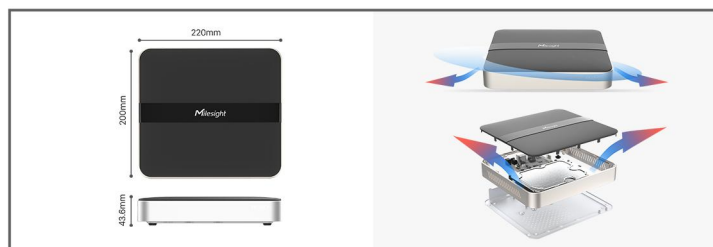
AI Video Analytics & POS Integration

- All-in-one to Manage AI & ANPR:
VCA Function focus on human and vehicle detection.
People Counting provides high-accuracy data and statistic reports.
- POS machine information can be transferred to and displayed on the NVR.



Ultra Mini Size & Thermal Design

- Ultra-mini size offers a compact design without compromising functionality, providing an easier way to ensure high-quality video management.
- The metal panel on the bottom of the NVR dissipates the heat effectively and the ventilation holes on the side and bottom panels maximize airflow and carry heat away.





Model			MS-N1004-UPC	MS-N1008-UPC
Video/Audio Input	Network Video Input		4-CH	8-CH
	Bandwidth	Incoming	40Mbps	80Mbps
		Outgoing	40Mbps	80Mbps
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/ Synchronous Playback		*The recommended parameters are theoretical values only. Actual performance may vary depending on the usage environment, the number of connected cameras, and their models. *Resolutions with width or height >4096 not supported for decoding.	
			When the bite rate is ≤2048 kbps: 1*(30fps @8MP), 1*(30fps @6MP), 1*(30fps @5MP), 2*(30fps @4MP), 2*(30fps @3MP), 4*(30fps @1080P), 4*(30fps @720P)	When the bite rate is ≤2048 kbps: 1*(30fps @8MP), 1*(30fps @6MP), 1*(30fps @5MP), 2*(30fps @4MP), 2*(30fps @3MP), 4*(30fps @1080P), 8*(30fps @720P)
Video/Audio Compression	Video Compression		H.265+/H.265(HEVC)/H.264+/H.264 *H.265 decoding is supported with performance limitations depending on stream settings. System performance may vary based on bitrate, resolution, and number of channels.	
	Audio Compression		G.711/AAC/G.722/G.726	
	Sample Rate		8KHz/16KHz	
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	
	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	
	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	
	Video Analysis		Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, People Counting, Object Left, Object Removed	
	Keyboard Control		Milesight Keyboard (MS-K01)	
	Power Supply		DC 48V 1.3A	
	Consumption		≤3.5W(Without HDD, without enabling PoE)	
	Working Conditions		Temperature: -10℃~55℃/Humidity: 10%~90%	
	Dimensions		220mm(W)X200mm(D)X43.6mm(H)	



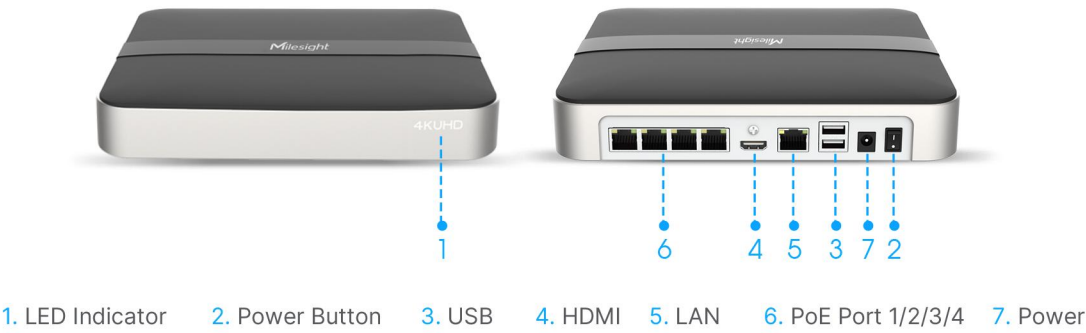
General	Weight	0.2Kg
	Warranty	3/5 Years

V8.02



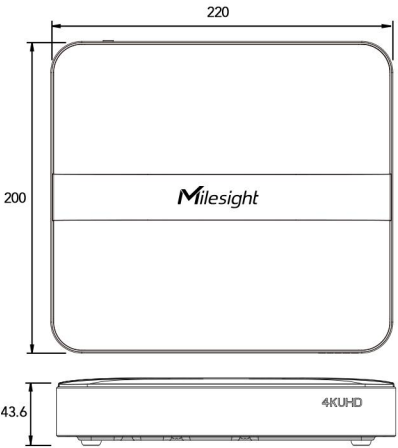
Interfaces

MS-N1004-UPC/ MS-N1008-UPC



Structure Diagrams

MS-N1004-UPC/ MS-N1008-UPC



Units: mm

Naming Convention

