

4K Mini PoE NVR 1000 Series



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.)

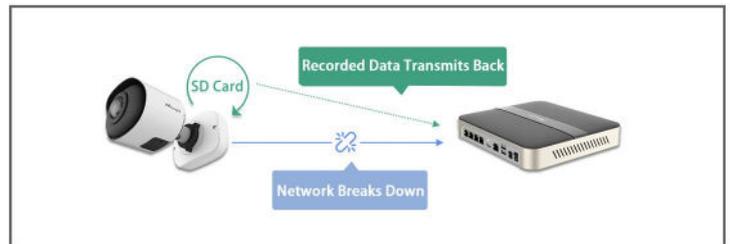
Power Decoding Capacity & Flexible Storage Options

- 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.



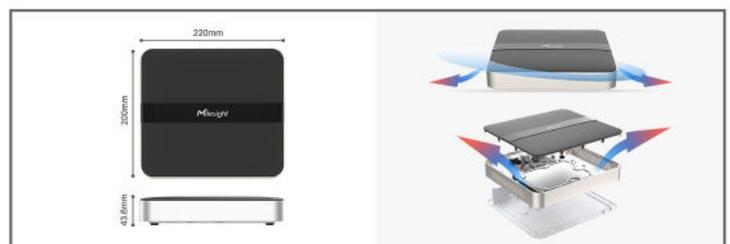
AI Video Analytics & POS Integration

- 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	80Mbps
		Outgoing	80Mbps
Video/Audio Output	HDMI Output	1-CH, Resolution: 3840x2160/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60H, 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.264*/H.264	
	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)	
	Weight	0.2Kg	
Warranty	3/5 Years		



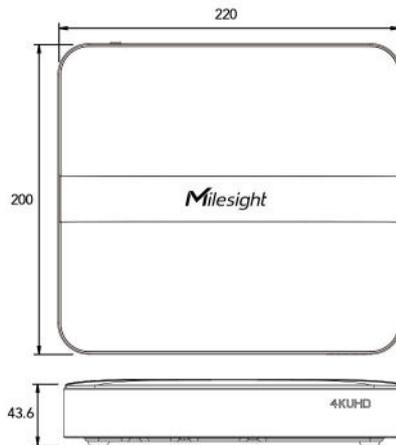
Interfaces

MS-N1004-UPC/ MS-N1008-UPC



Structure Diagrams

MS-N1004-UPC/ MS-N1008-UPC



Units: mm

Naming Convention

