Milesight

4K H.265 PoE NVR 1000 Series

PoE PoE	**UHD** 2160P Ultra HD	**H.265+** HEVC H.265+	HDMI	Dual Stream	Exquisite Appearance	Low Consumption
Mobile Connection	**P2P** P2P	**VCA** VCA				

MS-N1009-UPT

DATASHEET

KEY FEATURES

▶ **Powerful Decoding Capacity** (Maximum supporting 8*1080P or 9*720P network cameras viewing at the same time.)

▶ **3.5"HDD** (1 SATA of 3.5"HDD, providing 10TB hard disk storage.)

▶ **Exquisite Structure & Easy Installation** (115mm*115mm*180mm sizes, exquisite design and easy to install.)

▶ **Revolutionary Thermal Design** (The aluminum casing serves as a heat sink and the ventilation holes on rear and bottom panels maximize airflow and carry the heat easily.)

▶ **Video Content Analysis** (With 10 detection modes, VCA greatly enhances the performance bringing comprehensive surveillance functions.)
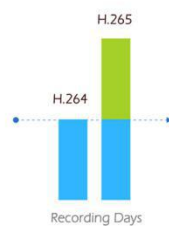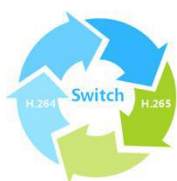
Plug and Play

Milesight 9-CH 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 NVR is a patent design 9-CH 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.

Excellent Heat Dissipation

Ventilation holes on rear and bottom panels, an fan inside Mini PoE NVR drives airflow, offering excellent performance of cooling and ensuring great protection for components. The aluminum casing united a special panel on bottom improves the effect of heat dissipation.
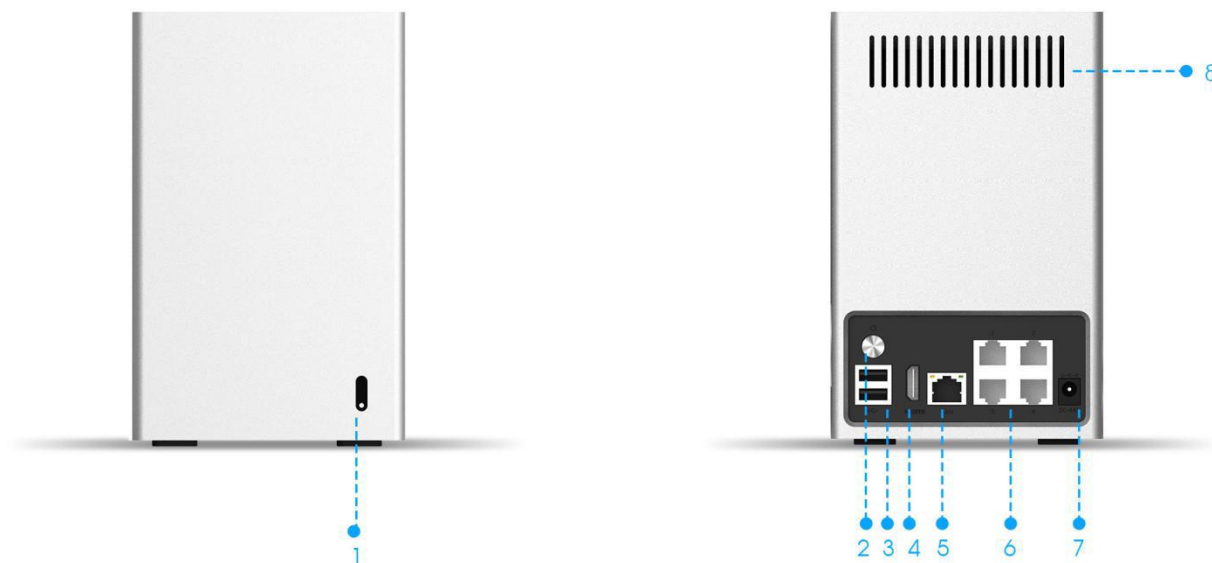
Model		MS-N1009-UPT
Video/Audio Input	Network Video Input	9-CH
	Bandwidth / Incoming	90Mbps
	Bandwidth / Outgoing	90Mbps
Video/Audio Output	HDMI Output	1-CH, Resolution: 3840x2160/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60H, 1280x720/60Hz, 1024x768/60Hz HDMI Supports Audio Output
	Dual Stream	Support
	Recording Resolution	8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/D1/VGA/CIF/QCIF
	Synchronous Playback	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
	Sample Rate	8KHz/16KHz
	Synchronous Recording	9*5MP
Storage	SATA	1*SATA HDD(3.5")
	Capacity	Up to 10TB capacity for each HDD
Recording Management	Recording Type	Continuous, Motion Detection, Smart Event, Event (Motion Detection, Smart Event)
	Snapshot	Manual Snapshot
	Playback	Video Playback, Image 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 100M/1000M
	USB Interface	2*USB 2.0
PoE Interface	Interface	4*RJ45 10M/100M
	Power Output	≤40W
	Supported Standard	IEEE 802.3af/at
General	Compatibility	ONVIF
	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Human Detection, People Counting
	Keyboard Control	Milesight Keyboard (MS-K02)
	Power Supply	DC 48V 1.25A
	Consumption	≤6W(Without HDD, without enabling PoE)
	Working Conditions	Temperature: -10℃~55℃/Humidity: 10%~90%
	Dimensions	115mm(W)X115mm(D)X180mm(H)
	Weight	1.5Kg
	Warranty	3/5 Years

V7.17

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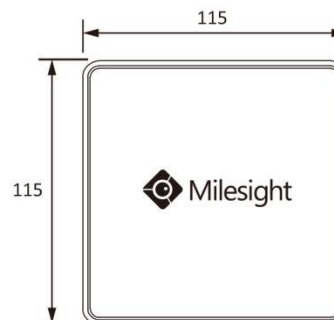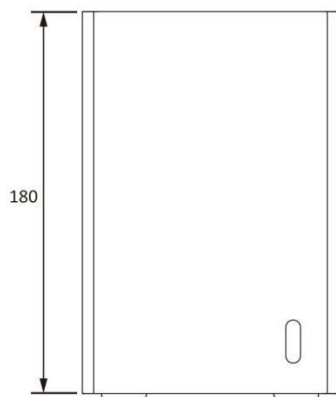
Interfaces

8

1

2 3 4 5 6 7

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

Structure Diagrams

180

115

115

115

Units: mm

Naming Convention

MS-N   1   009-   UPT   /S

1*3.5"HDD   009--9-CH   4K+PoE+H.265   S-Silver(B-Black)

Silver   Black