![Milesight logo] **Milesight**

4K H.265 Pro NVR 8000 Series

4K 4K	**H.265 HEVC** H.265	**Onvif** Onvif	**HDMI** HDMI	**VGA** VGA	**Audio Out**	**Alarm In/Out**
Multi-video Output	Transcoding	**ANR** ANR	**RAID** RAID	**N+1 Hot Spare** N+1 Hot Spare	**ANPR** ANPR	**VCA** VCA
Online Upgrade	**P2P** P2P	**HTML5** HTML5				

MS-N8032-UH/MS-N8064-UH

DATASHEET

KEY FEATURES

▶ **Powerful Decoding Capacity** (Maximum supporting 16*1080P, 32*720P or 64*D1 network cameras viewing at the same time.)

▶ **HDMI & VGA** (Providing both HDMI and VGA ports for users to choose according to their monitor types.)

▶ **8*3.5"HDD** (8 SATA of 3.5"HDD, providing 10TB capacity for each HDD, up to 80TB total hard disk storage.)

▶ **Dual LAN Interfaces** (Designed for three network working modes as Multi-address, Load Balance and Net Fault-tolerance.)

▶ **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).)

▶ **N+1 Hot Spare** (A backup mechanism which ensures the monitoring system uninterrupted working.)

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.

Dual Monitor Display

The primary monitor and secondary monitor can be configured separately and have their own display settings which enable users to have different liveview or playback display layout simultaneously, offering a more efficient and explicit surveillance.

4K Video Viewing Experience

Milesight 4K H.265 Pro NVR 8000 Series supports up to 4K definition (3840*2160, effectively four times that of Full HD) live viewing, playback and recording, providing users with ultra-high-definition video viewing experience.
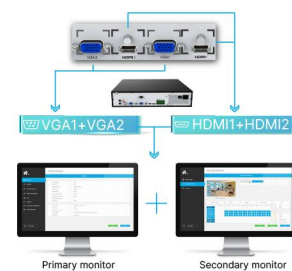
RAID 0/1/5/6/10

RAID (Redundant Array of Independent Disks) is a method of combining hard disks as a logical unit to achieve redundancy and greater speed of writing and reading data.

		No. of hard disk drives required	Total Storage Space
RAID 10		4,6,8	n/2
RAID 6		≥4	n-2
RAID 5		≥3	n-1
RAID 1		2	n/2
RAID 0		≥2	n

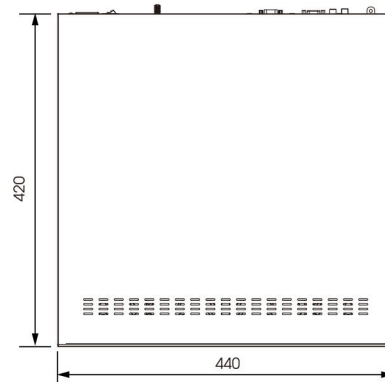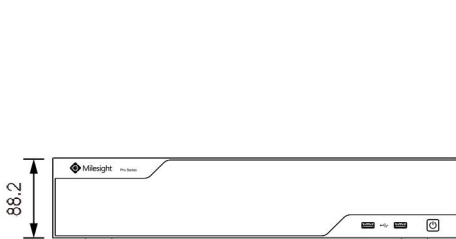| Model			MS-N8032-UH	MS-N8064-UH
Video/Audio Input	Network Video Input		32-CH	64-CH
	Bandwidth	Incoming	256Mbps or 200Mbps(when RAID is enabled)	320Mbps or 200Mbps(when RAID is enabled)
		Outgoing	256Mbps or 200Mbps(when RAID is enabled)	256Mbps or 200Mbps(when RAID is enabled)
Video/Audio Output	HDMI Output		2-CH, Resolution: 3840x2160/60Hz(HDMI1 Only), 3840x2160/30Hz(HDMI1 Only), 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz,1280x720/60Hz, 1024x768/60Hz HDMI Supports Audio Output	
	VGA Output		2-CH, Resolution: 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz	
	Dual Stream		Support	
	Recording Resolution		12MP/8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/D1/VGA/CIF/QCIF	
	Synchronous Playback		4*(30fps @8MP), 5*(30fps @6MP), 6*(30fps @5MP), 8*(30fps @4MP), 10*(30fps@3MP), 16*(30fps@1080P), 32*(30fps@720P)	4*(30fps @8MP), 5*(30fps @6MP), 6*(30fps @5MP), 8*(30fps @4MP), 10*(30fps@3MP), 16*(30fps@1080P), 32*(30fps@720P), 64*(30fps @D1)
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	
Storage	SATA		8*SATA HDD (3.5")	
	eSATA		1*eSATA	
	Capacity		Up to 10TB capacity for each HDD	
Disk Array	Array Type		RAID0, RAID1, RAID5, RAID6, RAID10	
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		2*RJ45 10/100/1000Mbps	
	Serial Interface		1*RS-485 Series Port for PTZ	
			1*RS-232 Series Port for Console	
			1*RS-485 Series Port for Keyboard	
	USB Interface		1*USB 3.0; 2*USB 2.0	
	Audio Input/Output		1*RCA/2*RCA	
	Alarm Input/Output		16-CH/4-CH	
General	Compatibility		ONVIF, API	
	Advanced Function		ANR, N+1 Hot Spare	
	ANPR		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		AC 100V~240V 50Hz~60Hz	
	Consumption		≤35W(Without HDD)	
	Working Conditions		Temperature: -10℃~55℃/Humidity: 10%~90%	
	Dimensions		Rack Mountable Chassis (2.0U Standard) 440mm(W)X420mm(D)X88.2mm(H)	
	Weight		6.0Kg	
	Warranty		3/5 Years	

V7.21

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Interfaces
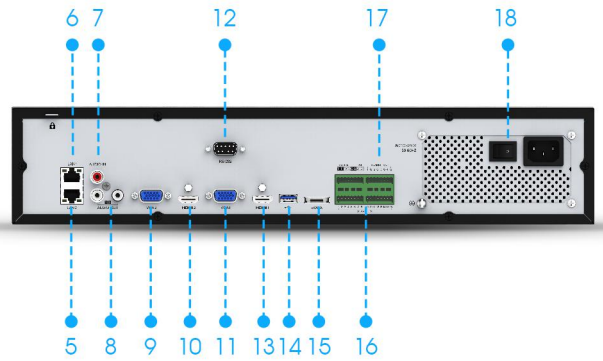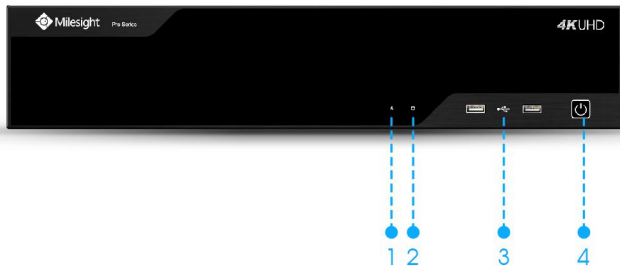
1. Run Indicator
2. HDD Indicator
3. USB
4. Power
5. LAN1
6. LAN2
7. Audio In
8. Audio Out
9. VGA2
10. HDMI2
11. VGA1
12. RS-232
13. HDMI1
14. USB
15. eSATA
16. Alarm In
17. Alarm Out
18. Power

Installation of HDDs

Step1   Step2   Step3   Step4   Step5

Structure Diagrams

88.2

420

440

Units: mm

Naming Convention

MS-N   8   032-   UH

8*3.5''HDD   032--32-CH
(064--64-CH)   4K+H.265