

4K H.265 Pro NVR 8000 Series



MS-N8032-UH

DATASHEET

KEY FEATURES

- ▶ **Powerful Decoding Capacity** (Maximum supporting 16*1080P or 32*720P 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.)

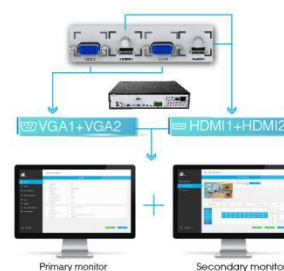
H.265+H.264

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 0/1/5/10

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.

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

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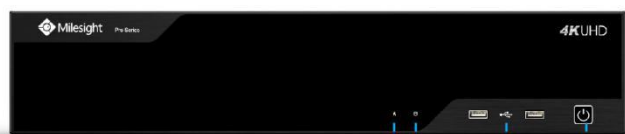


Model			MS-N8032-UH
Video/Audio Input	Network Video Input		32-CH
	Bandwidth	Incoming Outgoing	320Mbps or 200Mbps(when RAID is enabled) 256Mbps or 200Mbps(when RAID is enabled)
Video/Audio Output	HDMI Output		2-CH, Resolution: 3840x2160/60Hz(HDMI1 Only), 3840x2160/30Hz(HDMI1 Only), 1920x1080/60Hz, 1920x1080/50Hz, 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*(20fps @5MP), 8*(20fps @4MP), 10*(30fps@3MP), 16*(30fps@1080P), 32*(30fps@720P)
Video/Audio Compression	Video Compression		H.265(HEVC)/H.264
	Audio Compression		G.711/AAC
	Sample Rate		8KHz/16KHz
	Synchronous Recording		32*5MP
Storage	SATA		8*SATA HDD (3.5")
	eSATA		1*eSATA
	Capacity		Up to 10TB capacity for each HDD
Disk Array	Array Type		RAID 0, RAID 1, RAID 5, RAID 10
Recording Management	Recording		Manual Recording, Timing Recording, Motion Detection Recording, Alarm Recording, Motion Detection or Alarm Recording, Motion Detection and Alarm Recording
	Snapshot		Manual Snapshot
	Playback		Video Playback, Image Playback
Backup	Backup		Video Backup, Image Backup
Network	Protocol		IPv4, IPv6, TCP, UDP, RTP, RTSP, RTCP, HTTP, DNS, DDNS, DHCP, NTP, SNTP, SMTP, UPnP
External Interface	Network Interface		2*RJ45 100M/1000M
	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	Keyboard Control		Milesight Keyboard (MS-K02)
	Power Supply		AC 100V~240V 50Hz~60Hz
	Consumption		≤35W(Without HDD)
	Working Conditions		Temperature: -10℃~+55℃ Humidity: 10%~90%
	Dimensions		2.0U Standard Chassis 440mm(W)×420mm(D)×88.2mm(H)
	Weight		6.0Kg
	Warranty		3/5 Years

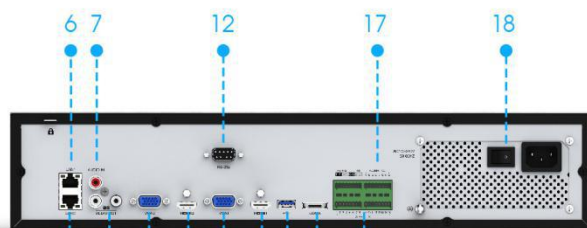
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Interfaces



1 2 3 4



5 6 7 8 9 10 11 12 13 14 15 16 17 18

- | | | | | | | | |
|------------------|------------------|----------|------------|-----------|---------|-------------|--------------|
| 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

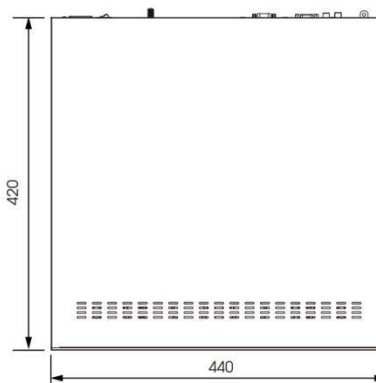


Step4



Step5

Structure Diagrams



Units: mm

Naming Convention

MS-N 8 032- UH

8*3.5" HDD 032--32-CH 4K+H.265

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