Milesight

4K H.265 Pro NVR 5000 Series

UHD 2160P Ultra HD | H.265+ HEVC | HDMI | VGA | Dual Stream | Mobile Connection | Audio In/Out | Alarm In/Out | P2P

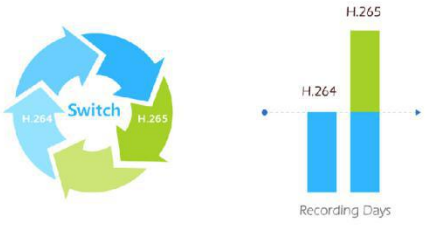
DATASHEET

KEY FEATURES

- Powerful Decoding Capacity (Maximum supporting 8*1080P or 16*720P for MS-N5016-UT and 16*1080P or 32*720P for MS-N5032-UH.)
- HDMI & VGA (Providing both HDMI and VGA ports for users to choose according to their monitor types.)
- 2*3.5"HDD (2 SATA of 3.5"HDD, providing 10TB capacity for each HDD, up to 20TB total hard disk storage.)

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.



4K Video Viewing Experience

Milesight 4K H.265 Pro NVR 5000 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.

Powerful Decoding Capacity

Maximum supporting 8*1080P or 16*720P for MS-N5016-UT and 16*1080P or 32*720P for MS-N5032-UH.

Remote Access

Milesight 4K H.265 Pro NVR 5000 Series can be easily accessed and managed remotely via Milesight CMS and mobile APP.

4K H.265 Pro NVR 5000 Series

Model			MS-N5016-UT	MS-N5032-UH
Video/Audio Input	Network Video Input		16-CH	32-CH
	Bandwidth	Incoming	160Mbps	320Mbps
		Outgoing	160Mbps	256Mbps
Video/Audio Output	HDMI Output		1-CH, Resolution: 3840x2160/60Hz (only for MS-N5032-UH), 3840x2160/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz HDMI Supports Audio Output	
	VGA Output		1-CH, Resolution: 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz	
	Dual Stream		Support	
	Recording Resolution		8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/D1/VGA/CIF/QCIF	12MP/8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/D1/VGA/CIF/QCIF
	Synchronous Playback		2*(30fps @8MP), 2*(30fps @6MP), 3*(20fps @5MP), 4*(20fps @4MP), 5*(30fps @3MP), 8*(30fps @1080P), 16*(30fps @720P)	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+/H.265(HEVC)/H.264+/H.264	
	Audio Compression		G.711/AAC	
	Sample Rate		8KHz/16KHz	
	Synchronous Recording		16*5MP	32*5MP
Storage	SATA		2*SATA HDD(3.5”)	
	Capacity		Up to 10TB capacity for each HDD	
Recording Management	Recording		Manual Recording, Timing Recording, Motion Detection Recording, Alarm Recording, Motion Detection or Alarm Recording, Motion Detection and Alarm Recording	Manual Recording, Timing Recording, Motion Detection 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, HTTPS, DNS, DDNS, DHCP, NTP, SNTP, SMTP, SNMP, UPnP	
External Interface	Network Interface		1*RJ45 100M/1000M	
	USB Interface		1*USB 3.0; 2*USB 2.0	
	Audio Input/Output		— /1*RCA	1*RCA/1*RCA
	Alarm Input/Output		4-CH/1-CH	—
General	Compatibility		ONVIF	
	Keyboard Control		Milesight Keyboard (MS-K02)	
	Power Supply		DC 12V 50Hz~60Hz	
	Consumption		≤10W(Without HDD)	≤15W(Without HDD)
	Working Conditions		Temperature: -10℃~+55℃ Humidity: 10%~90%	
	Dimensions		1.0U Standard Chassis 440mm(W)×251mm(D)×44.4mm(H)	
	Weight		2.6Kg	
	Warranty		3/5 Years	

V7.14

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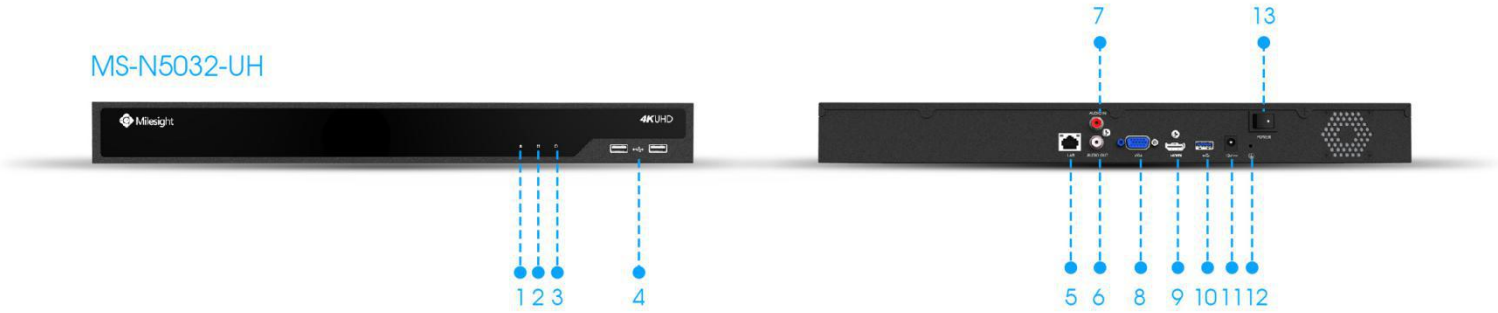
Interfaces

MS-N5016-UT

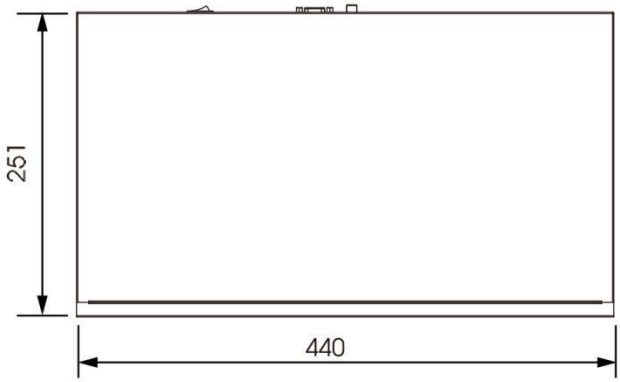
1. Run Indicator 2. HDD Indicator 3. Power Indicator 4. USB 5. Audio Out 6. VGA 7. HDMI 8. USB
9. Ethernet Port 10. Alarm In/Out 11. Power 12. GND 13. Power Button

MS-N5032-UH



1. Run Indicator 2. HDD Indicator 3. Power Indicator 4. USB 5. LAN 6. Audio Out 7. Audio In 8. VGA
9. HDMI 10. USB 11. Power 12. GND 13. Power Button

Structure Diagrams



Units: mm

Naming Convention

MS-N | 5 | 016- | UT/H

- 5: 2*3.5"HDD
- 016-: 016--16-CH (032--32-CH)
- UT/H: 4K+H.265

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