



4K H.265 Pro NVR 7000 Series MS-N7016-UH



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FEATURES

16/32-CH NETWORK VIDEO INPUT

Up to 16/32 channel IP cameras can be connected

H.265+

H.265+ allows to cut down 70%~80% bandwidth while ensuring the high quality of images compared with H.264+

HTML5 STREAMING READY

Support previewing the video via all major browsers without plug-in when video Codec is set to H.265

● TRANSCODING

Transcoding guarantees fluid video experience by reducing the stream data via lowering resolution, bit rate, or frame rate

● VERSATILE INTERFACES

A whole array of ports provides all necessary features for effective surveillance

● AUTO BACKUP

The latest 24 hours' video will be automatically backed up to USB Port Devices or NAS after setting up the backup



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SPECIFICATIONS

Video/Audio Input

Model	MS-N7016-UH	MS-N7032-UH	
Network Video Input	16-CH	32-CH	
Bandwidth	Ingoing	160Mbps	256Mbps or 200Mbps (when RAID is enabled)
	Outgoing	160Mbps	256Mbps or 200Mbps (when RAID is enabled)

Video/Audio Output

Model	MS-N7016-UH	MS-N7032-UH
HDMI Output	1-CH, Resolution: 3840x2160/60Hz, 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	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), 16*(30fps @720P)	4*(30fps @8MP), 5*(30fps @6MP), 6*(30fps @5MP), 8*(30fps @4MP), 10*(30fps @3MP), 16*(30fps @1080P), 32*(30fps @720P)

Video/Audio Compression

Model	MS-N7016-UH	MS-N7032-UH
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

Model	MS-N7016-UH	MS-N7032-UH
SATA	4*SATA HDD(3.5")	
Capacity	Up to 10TB capacity for each HDD	



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Disk Array

Model	MS-N7016-UH	MS-N7032-UH
Array Type	RAID0, RAID1, RAID5, RAID6, RAID10	

Recording Management

Model	MS-N7016-UH	MS-N7032-UH
Recording Type	Continuous, Event (Motion Detection, Alarm, VCA, Smart Analysis)	
USB Interface	Continuous, Event (Motion Detection, Alarm, VCA, Smart Analysis)	
Audio Input/Output	General Playback, Event Playback, Tag Playback, Split Playback, Picture Playback	

Backup

Model	MS-N7016-UH	MS-N7032-UH
Backup	Video Backup, Image Backup	

Network

Model	MS-N7016-UH	MS-N7032-UH
Protocol	IPv4/IPv6, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, NTP, SNTP, SMTP, SNMP, UPnP, NFS	

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External Interface

Model	MS-N7016-UH	MS-N7032-UH
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/1*RCA	
Alarm Input/Output	16-CH/4-CH	

General

Model	MS-N7016-UH	MS-N7032-UH
Compatibility	ONVIF, API	
Advanced Function	ANR	
ANPR	N/A	

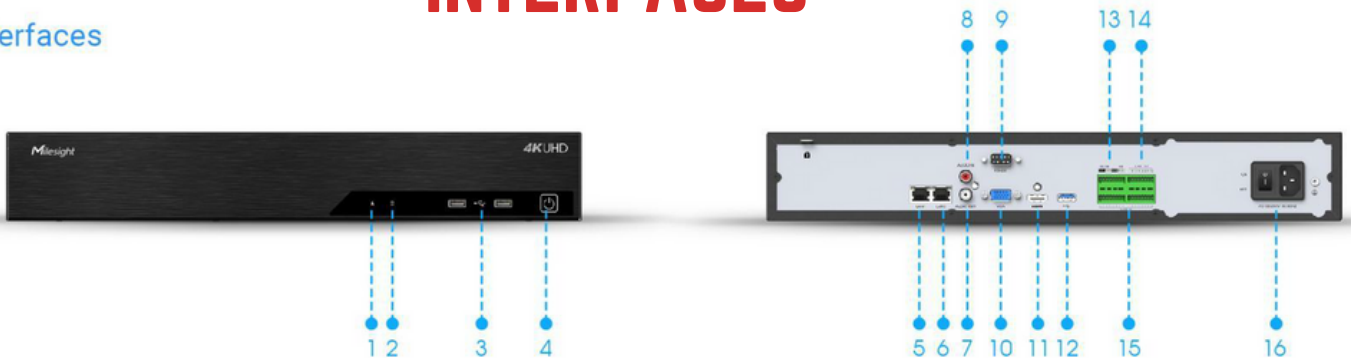


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Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Human Detection, People Counting, Object Left, Object Removed
Keyboard Control	General Playback, Event Playback, Tag Playback, Split Playback, Picture Playback
Power Supply	AC 100V~240V 50Hz~60Hz
Consumption	≤15W(Without HDD)
Working Conditions	Temperature: -10°C~55°C/Humidity: 10%~90%
Dimensions	Rack Mountable Chassis (1.5U Standard) 440mm(W)X320mm(D)X66.8mm(H)
Weight	4.1Kg
Warranty	3/5 Years

INTERFACES

Interfaces



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- 1. Run Indicator
- 2. HDD Indicator
- 3. USB
- 4. Power Light
- 5. LAN1
- 6. LAN2
- 7. Audio Out
- 8. Audio In
- 9. RS-232
- 10. VGA
- 11. HDMI
- 12. USB
- 13. RS-485
- 14. Alarm Out
- 15. Alarm In
- 16. Power

INSTALLATION OF HDD

Installation of HDDs



Step1

Step2

Step3

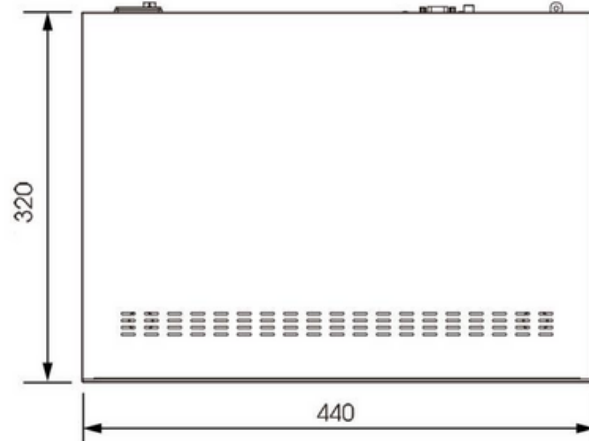
Step4

Step5



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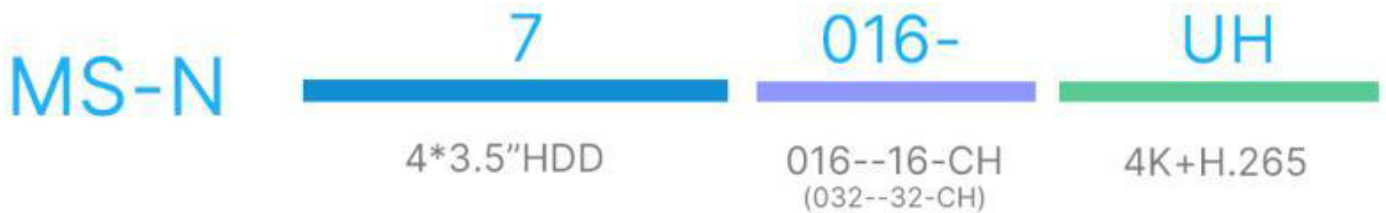
SCHEMATIC DIAGRAM



Units: mm

NAMING CONVENTION

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