Milesight

4K H.265+ Pro NVR 7000 Series

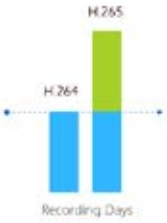
DATASHEET

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.)
- 4*3.5"HDD (4 SATA of 3.5"HDD, providing 10TB capacity for each HDD, up to 40TB total hard disk storage.)
- Dual LAN Interfaces (Designed for three network working modes as Multi-address, Load Balance and Net Fault-tolerance.)

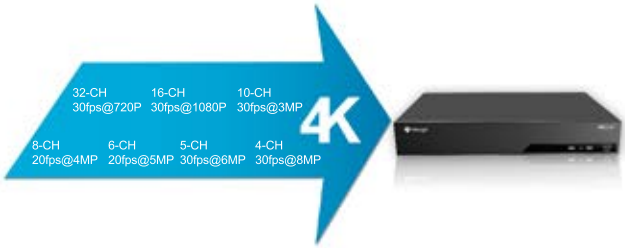
H.264, H.265 and H.265+

Smartly figure out and switch between H.264, H.265 and H.265+ automatically. H.265+ compression reduces bandwidth by 70~80% compared to H.264, allowing users to get more out of their storage.



Powerful Decoding Capacity

Maximum support up to 16*1080P or 32*720P network cameras viewing at the same time.



4K Video Viewing Experience

Milesight 4K H.265+ Pro NVR 7000 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.

4K H.265+Pro NVR 7000 Series

Model		UI-7016-B	UI-7032-B
Video/Audio Input	Network Video Input	16-CH	32-CH
	Bandwidth	160Mbps	320Mbps or 200Mbps(when RAID is enabled)
Video/Audio Output	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	8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/D1/VGA/CIF/QCIF	
	Synchronous Preview/Playback	4*(30fps @8MP), 5*(30fps @6MP), 6*(20fps @5MP), 8*(20fps @4MP), 10*(30fps @3MP), 16*(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	
	Audio Compression	G.711 U-Law	
	Sample Rate	8KHz/16KHz	
	Synchronous Recording	16*5MP	32*5MP
Storage	Driver	4*SATA HDD(3.5”)	
	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, TCP, UDP, RTP, RTSP, RTCP, HTTP, DNS, DDNS, DHCP, NTP, SNTP, SMTP	
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/1*RCA	
	Alarm Input/Output	16-CH/4-CH	
General	Keyboard Control	Milesight Keyboard (MS-K02)	
	Power Supply	AC 100V~240V 50Hz~60Hz	
	Consumption	≤15W(Without HDD)	
	Working Conditions	Temperature: -10℃~+55℃ Humidity: 10%~90%	
	Dimensions	1.5U Standard Chassis 440mm(W)×320mm(D)×66.8mm(H)	
	Weight	4.1Kg	
	Warranty	3 Years	

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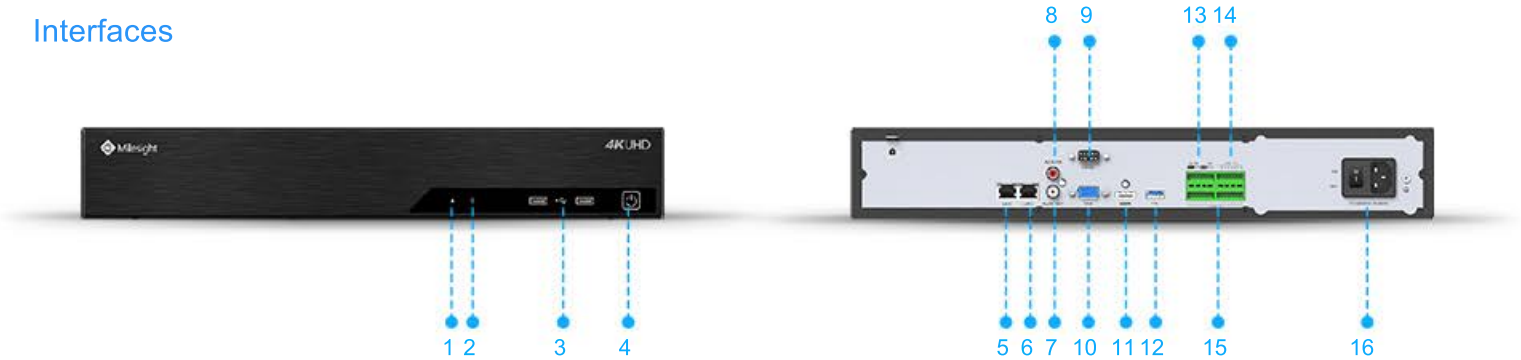
Interfaces



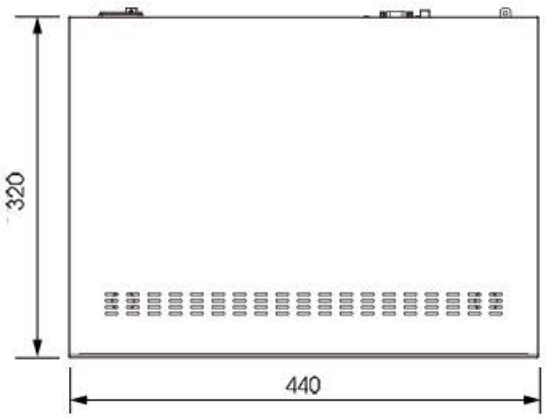
1. Run Indicator 2. HDD Indicator 3. USB 4. Power Light 5. LAN1 6. LAN2 7. Audio Out 8. Audio In

9. RS-232 10. VGA 11. HDMI 12. USB 13. RS-485 14. Alarm Out 15. Alarm In 16. Power

Installation of HDDs

Step1 Step2 Step3 Step4 Step5

Structure Diagrams



Units: mm

Naming Convention

UI- 7 016- B

- 7: 4*3.5"HDD
- 016-: 016--16-CH (032--32-CH)
- B: 4K+H.265

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