



Digital Security System

4K+H.265

4K H.265 Pro NVR



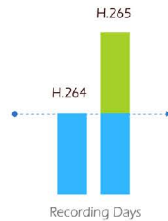
DI-N416

KEY FEATURES

- ▶ **Powerful Decoding Capacity** (Maximum support 16 * 1080P or 32 * 720P network cameras viewing at the same .)
- ▶ **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 modes as Multi-address, Local 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

Smart figure out and switch between H.264 and H.265 automatically. It will extent the days to save recording file with H.265 than with other compressions.



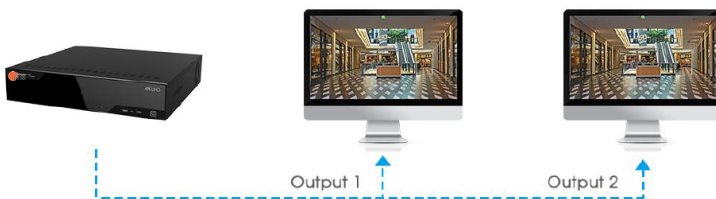
Power Decoding Capacity

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



Multi-Video Output

Independent Outputs: Multi outputs to display various channels independently. Synchronous Outputs: The same channel to be displayed at different locations synchronously.



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 reading data.

RAID Type	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

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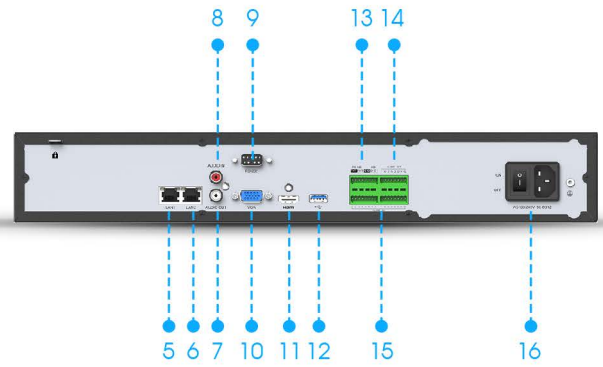


Model		DI-N416
Video/Audio Input	Network Video Input	16-CH
	Bandwidth	Incoming 160Mbps Outgoing 160Mbps
Video/Audio Output	HDMI Output	1-CH, Resolution: 3840x2160/60Hz, 3840x2160/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz HDMI Supports Audio Output
	VGA Output	1-CH, Resolution: 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
	Dual Stream	Support
	Recording Resolution	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)
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
	Synchronous Recording	16*5MP
Storage	SATA	4*SATA HDD(3.5")
	Capacity	Up to 10TB capacity for each HDD
Disk Array	Array Type	RAID0, RAID1, RAID5, RAID6, RAID10
Recording Management	Recording Type	Continuous, Motion Detection, Alarm, Smart Event, Event (Motion Detection, Alarm, Smart Event)
	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, NFS
External Interface	Network Interface	2*RJ45 100M/1000M 1*RS-485 Series Port for PTZ
	Serial Interface	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	Compatibility
Advanced Function	ANR, N+1 Hot Spare	
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	≤15W(Without HDD)	
Working Conditions	Temperature: -10℃~55℃/Humidity: 10%~90%	
Dimensions	Rack Mountable Chassis (1.5U Standard) 440mm(W)X320mm(D)X66.8mm(H)	
Weight	4.1Kg	

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Interfaces

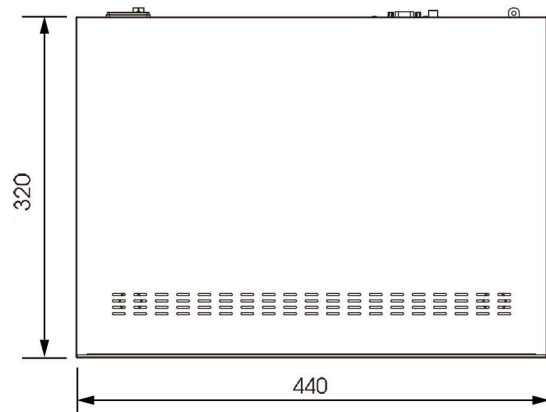


1. Run Indicator 2. HDD Indicator 3. USB 4. Power Light 5. LAN1 6. LAN2 7. Audio Out 8. Audio In
9. RS-232 10. VGA 11. HDMI 12. USB 13. RS-485 14. Alarm Out 15. Alarm In 16. Power

Installation of HDDs



Structure Diagrams



Units: mm