



Digital Security System

4K H.265 PoE NVR



KEY FEATURES

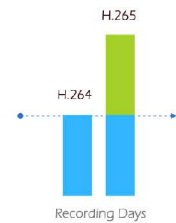
- ▶ 16/24 * PoE Ports (16/24 * PoE ports design provides just one step to connect camera to NVR.)
- ▶ 16* 1080P, 32*720P (Maximum supporting 16*1080P or 32*720P network cameras viewing at the same time.)
- ▶ HDMI & VGA (Providing both HDMI and VGA ports for users to choose according to their monitor types.)
- ▶ 4 * 3.5" HDD (4 SATA of 3.5" HDD, providing 10TB capacity for each HDD, up to 40TB total hard disk storage.)
- ▶ RAID 0/1/5/6/10 (Supporting 5 different RAID level (0, 1, 5, 6, 10) for the needs of users.)
- ▶ ANR (Can automatically replenish the recording gap due to Internet interruptions (by storing at the edge.)
- ▶ Video Content Analysis (With 10 detection modes, VCA greatly enhances the performance bringing comprehensive surveillance functions.)

Plug and Play

PoE NVR features 16/24 independent PoE ports. The NVR will automatically, configure and play the live of the network cameras once the cable is plugged.

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.

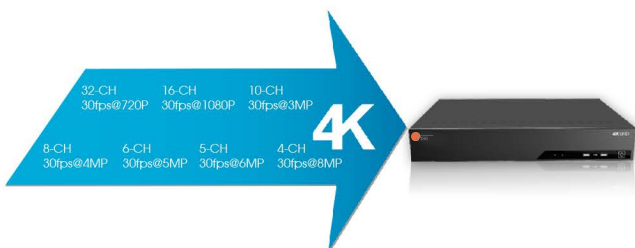


Power Decoding Capacity

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

4K Video Viewing Experience

4K H.265 Pro NVR Supports up to 4K definition (3840 x 2160), effectively four times that of Full HD) live viewing, playback and recording, providing users with ultra-high-definition video viewing experience.



4K H.265 PoE NVR NVR



Model		DI-N416P	DI-N432P24	
Video/Audio Input	Network Video Input	16-CH	32-CH	
	Bandwidth	Incoming 160Mbps Outgoing 160Mbps	256Mbps or 200Mbps(When RAID is enabled) 256Mbps 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	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	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 Capacity	4*SATA HDD(3.5") 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	1*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		
	PoE Interface	Interface	16*RJ45 10M/100M	24*RJ45 10M/100M
	Power Output	≤200W		
	Supported Standard	IEEE 802.3af/at		
General	Compatibility	ONVIF		
	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Human Detection, People Counting		
	Keyboard Control	Keyboard (DI-K02)		
	Power Supply	AC 100V~240V 50Hz~60Hz		
	Consumption	≤15W(Without HDD, without enabling PoE)	≤22W(Without HDD, without enabling PoE)	
	Working Conditions	Temperature: -10℃~55℃/Humidity: 10%~90%		
	Dimensions	Rack Mountable Chassis (1.5U Standard) 440mm(W)X320mm(D)X66.8mm(H)	Rack Mountable Chassis (1.5U Standard) 440mm(W)X390mm(D)X66.75mm(H)	
	Weight	5.0Kg	4.89Kg	

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Interfaces

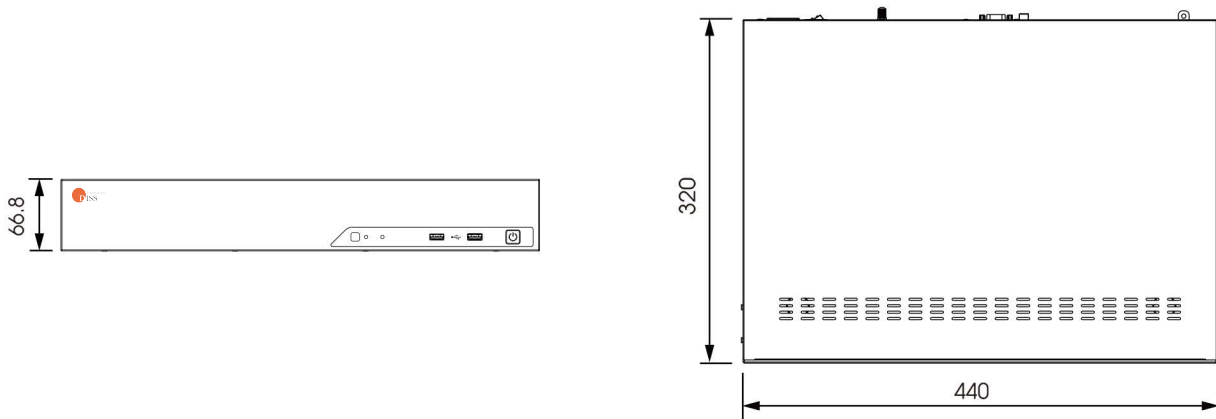


- 1. Run Indicator
- 2. HDD Indicator
- 3. USB
- 4. Power
- 5. PoE Ports
- 6. LAN
- 7. Audio Out
- 8. Audio In
- 9. RS-232
- 10. VGA
- 11. HDMI
- 12. USB
- 13. RS-485
- 14. Alarm Out
- 15. Alarm In
- 16. Power

Installation of HDDs



Structure Diagrams



Units: mm