

NH S-Series WDS-016Q24A-NH

NDA/A/TAA Compliant Analog HD H.265 Hybrid DVR

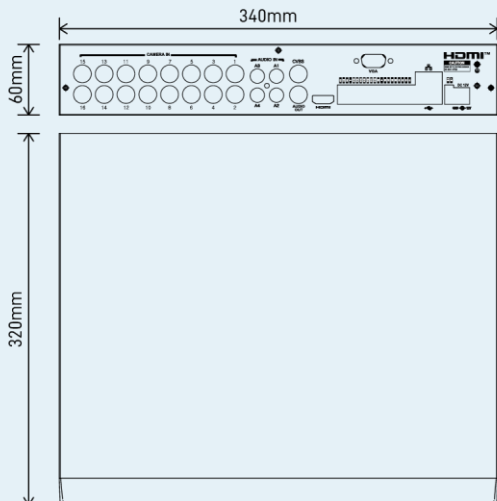
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Key Features

- › Embedded Linux Recorder
- › Supports various resolutions, quality levels, and frame rates
- › Supports analog HD and IP camera connections
- › Multiple Playback modes
(Calendar, Timeline, Virtual Jog Shuttle, Event, Panorama, Smart Search, USB Backup)
- › Supports Self-Hosted Server
(DDNS, P2P, Relay, Push Notifications)
- › Expandable up to 4 PoS Interfaces (Customizable)
- › P2P-based Network Setup Wizard
- › Multi-Platform Compatibility
(Android, iOS, RMS, JavaScript+WASL for PC, macOS)
- › Supports AI Video Analytics (Object & Face Detection)
- › AI powered Smart & Panoramic Search
- › Face Recognition for Real-time Surveillance & Search
- › AI-Enhanced Monitoring via CVBS Output
- › Supports OTA(Over-The-Air) Update.

Dimension



Live Display (NTSC/PAL)	~1080p 1440p 1944p 2160p	Realtime (480/400fps) Realtime (480fps) 1944p (320fps) 2160p (240fps)
Recording & Playback	~720p 1080p 1440p 1944p 2160p	Realtime (480/400fps) Realtime (480/400fps) 1440p (240fps) 1944p (160fps) 2160p (112fps)
	Video Codec	H.265 / Dual Stream
Camera Input	No of Ports Type and Port Resolution Control	16 HD-TVI / AHD / HD-CVI / D1 (NTSC/PAL) via BNC ports D1 (NTSC/PAL), 960H (NTSC/PAL), 720p25/30, 720p50/60, 1080p25/30, 1440p15/25/30, 1944p20, 4K2K15 UTC Support
IP Hybrid	No of IP Camera Protocols Live Display Performance Record Performance	Up to 16 ONVIF or Vendor Specific Realtime Display with the D1/VGA 2 nd Stream of Camera 4K2K 30fps for single channel display mode 480fps@4K2K + 480fps@D1/VGA
AI Function	Object Detection AI Event AI Search	Human, Vehicle, Two-wheeler, Face and Others Line Crossing, Intrusion Detection, Long-Term Parking, Face Detection Smart Area Search, AI Panorama Search
Monitor Output	Main Monitor SPOT Monitor Multiple Ch View	Up to 4K2Kp30 for HDMI and Up to 1080p60 for VGA NTSC/PAL 1,4, (6,7,8,9, (10,13,16)) for both live and playback
Audio In/Out	-	4 Line-in / 1 Line-out & Audio on HDMI
Alarm In/Out	-	16/1
Storage	SATA	2
Archive	Backup Device Multiple channel AVI	USB Device (HDD, Thumb Drive), NAS & Remote via Network Raw Data with Embedded Player Embedded AVI formatting
USB Port	-	1 x USB2.0 at front & 1 x USB2.0 at Rear
System Control	-	USB Mouse
Network	Port Protocols No of Client	10M/100M/1000M Ethernet DHCP, DDNS, P2P, uPNP, HTTP, NTP, SNMP, SMTP, Push Notification (iOS/Android), ONVIF Max. 4
Network Service	-	ns.ddns2.gixel.kr/P2P server/Relay Server/Push Server /E-mail Service(Public server)
Network Streaming	Live Playback	Variable Resolutions, Quality Levels, and Frame Rates Dual Streaming
Multi-Language	-	Support
RAID(Mirroring)	-	Configurable Dual Recording
Search	-	Calendar/Timeline/Virtual Jog Shuttle/ Event/Panorama/Smart/USB Backup Device
Event	Event Type	Motion Detection, Alarm in, Video Loss, HDD S.M.A.R.T Status, HDD Error, Recording Status, POS
Notification	Action	E-Mail with snapshot, Buzzer, Relay, Push Notification
PoS I/F	-	Scalable POS I/R (Up to Ports, Customizable)
Health Checking & Report	-	Periodical E-mail Report for HDD&Recording Status with various system information
Remote SW's	-	RMS / Web / Android / iOS / JavaScript+WASL / macOS
Power	-	Adaptor (12V/5.0A)
Operating Env.	-	-5~45°C / 20~80% RH
Dimension (WxDxH, mm)	-	340x320x60