OCTAVUE® BY GSD GROUP

MODEL #
GSD-NVROV6K-32NP-N

32 CHANNEL NETWORK VIDEO RECORDER

ONVIF® | GSD | NDAA Compliant



The **GSD-NVROV6K-32NP-N** is a next-generation 32-channel 6K Network Video Recorder designed to deliver power, reliability, and simplicity in one sleek solution. Engineered for professional-grade surveillance, it supports crystal-clear recording up to 12MP resolution with 4K HDMI output for uncompromising image quality. Its ONVIF compliance ensures broad compatibility across brands, while P2P connectivity allows for secure remote access anytime, anywhere. Supporting HDD up to 20TB, it offers long-term storage capacity ideal for demanding security applications.

- 12MP RESOLUTION — Up to 12MP Resolution
- ONVIF — ONVIF Compliant (G/S/T)
- 4K — 4K HDMI Output
- Rackmount Compatible
- HDD — 8HDD slots up to 20TB
- 1080P VGA Output
- P2P — P2P Connection
- </> — ONVIF Encoder

AI FEATURES

- Human & Vehicle Detection
- Perimeter Intrusion Detection
- Line Crossing Detection
- License Plate Detection
- Facial Recognition
- Intrusion Detection
- Queue Length Detection
- Region Entry And Exit
- Cross-Counting
- Rare Sound Detection
- Stationary Object Detection
- Crowd Density Detection
- Heat Map
- Noise Detection
- Video Tampering
- Fall Detection
- Multi Target Type Detection
- Vehicle/Human Attributes
- Temperature Measurement
- Fire & Smoke Detection
- Face Masking

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RECORDING BANDWIDTH

Resolution Support	12MP, 8MP, 5MP, 3MP, 2MP(1080P), 1.3MP(960P), 1.0MP(720P)
Bandwidth In	320 Mbps
Bandwidth Out	320 Mbps

PERFORMANCE

Recording Compression	Audio: G.711a, G.711u Video: H.265+/H.265/H.264+/H.264
Recording FPS	4MP: 240fps 2MP: 480fps
Playback	1080P: 480fps Max 16CH

NETWORK

Web Browsers	Firefox V.52 above Google chrome V.57 above Edge V.79 above TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP
Protocols	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, UPnP, HTTP, HTTPS, Onvif (profile G/M/S/T)
ONVIF Profile	Profile S/G/T
Voice Command	Home Device: Google Assistant, Amazon Alexa

AI FEATURES INSTANT NOTIFICATIONS

Human Detection	*Region Entrance*
Vehicle Detection	*Region Exiting*
Perimeter Intrusion Detection	*Rare Sound Detection*
Line Crossing Detection	*Stationary Object Detection*
License Plate Detection	*Crowd Density Detection*
Facial Recognition	*Heat Map*
Intrusion Detection	*Noise Detection*
Cross-Counting	*Video Tampering*
Fall Detection	*Multi Target Type Detection*
Vehicle/Human Attributes	*Temperature Measurement*
Fire & Smoke Detection	*Face Masking*
AI MAX CAPTURED QUANTITY *200,000*	AI REGISTERED QUANTITY *10,000*

INTERFACE

Password Reset	Yes
HDMI	1(1024*768, 1280*720, 1280*1024, 1440*900, 1600*1200, 1920*1080, 1920*1200, 2560*1440(2K), 3840*2160 (4K))/EDID 1(1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080) Async out
Ethernet	2× RJ45 (100/1000BASE-T)
USB Ports	1× USB 2.0 (front), 1× USB 3.0 + 1× USB 2.0 (rear)
Audio	1 in / 1 out
eSATA	1
HDD	8 × SATA HDD, up to 12TB per HDD
Rs 485	1
Alarm I/O	16 in / 4 out

GENERAL

OSD Languages	EN, FR, ES, DN, TC, IN, JP, KR
Dimensions	440×460×89 mm
Weight	6610 g
Weight	250W
Power Consumption	8 W (excluding HDD)
Operating Temp / Humidity	-10°C to +50°C / < 90% RH
FCC/CE	Yes
Rack Mount	Yes

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DIMENSIONS

Length: 460MM | Width: 440MM | Height: 89MM



HDMI® HIGH-DEFINITION MULTIMEDIA INTERFACE

COMPATIBLE HARD DRIVES



WD-HDDPURPLE-4T

UP TO 4TB HARD DRIVE



WD-HDDPURPLE-8T

UP TO 8TB PRO HARD DRIVE



WD-HDDPURPLE-10T

UP TO 10TB PRO HARD DRIVE

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SECURITY. INNOVATION. RELIABILITY.

POWERED BY G.S.D GROUP INC.

At G.S.D Group, we design and deliver innovative, reliable, and high-performance security solutions that protect people, businesses, and critical infrastructure. From intelligent surveillance and access control to enterprise software and AI-powered technologies, we provide complete security ecosystems built for today's challenges and tomorrow's opportunities.

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COMPLIANCE

CE MARKING | FCC CERTIFICATE | RoHS COMPLIANT | NDAA COMPLIANT

CONNECTION & INTERFACES

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ONVIF COMPLIANT

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