OCTAVUE® BY GSD GROUP

MODEL #
GSD-NVROV6K-04-N

4 CHANNEL NETWORK VIDEO RECORDER

ONVIF® | GST | NDAA Compliant | AI



The **GSD-NVROV6K-04-N** is a next-generation 4-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. With 4 PoE ports + E-PoE, installation is fast and efficient — just plug in cameras and power them directly from the recorder. Its ONVIF compliance ensures broad compatibility across brands, while P2P connectivity allows for secure remote access anytime, anywhere. Supporting HDD up to 16TB, 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
1HDD slot up to 16TB

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	76 Mbps
Bandwidth Out	76 Mbps

PERFORMANCE

Recording Compression	Audio: G.711a Video: H.265+/H.265/H.264+/H.264
Recording FPS	4MP: 90fps 2MP: 180fps 1080P: 180fps
Playback	1080P: 180fps | Max 4ch playback

Network

Remote Connection	Up to 640 Users
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

FONCTIONS IA 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	Press 10 seconds
VGA	1(1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080)
HDMI	1(1024*768, 1280*720, 1280*1024, 1440*900, 1600*1200, 1920*1080, 1920*1200, 2560*1440(2K), 3840*2160 (4K))/EDID
Ethernet	1× RJ45 (10/100BASE-T)
PoE	4*RJ45, 100 Base-T 802.3at/af
USB Ports	1× USB 2.0 (front), 1× USB 2.0 (rear)
Audio	1 out
HDD	1 × SATA HDD, up to 10TB per HDD
Rs 485	N/A
Alarm I/O	N/A

GENERAL

OSD Languages	EN, FR, ES, DN, TC, IN, JP, KR
Dimensions	300×227×53 mm
Weight	980 g (without HDD)
Input Voltage	DC48V/1.2A
Power Consumption	3.8W (excluding hard disk)
Operating Temp / Humidity	-10°C to +50°C / < 90% RH
FCC/CE	Yes
Rack Mount	Yes

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DIMENSIONS

Length: 227MM | Width: 300MM | Height: 53MM



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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HS CODE

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UPC CODE

ONVIF COMPLIANT

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