

4 CHANNEL NETWORK VIDEO RECORDER

Onvif® | G S T | NDAA Compliant | N



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



1 HDD slot up to
16TB



1080P VGA
Output



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

RECORDING BANDWIDTH

Resolution	12MP, 8MP, 5MP, 3MP, 2MP (1080P), 1.3MP (960P), 1.0MP (720P)
Input	76M
Output	76M

PERFORMANCE

Recording Compression	Audio: G.711A,G.711U Video: H.264/H.265/H.264+/H.265+
Speed	4K: 45fps 4MP: 90fps 2MP: 180fps
Playback	1080P: 180fps Max 4ch playback

Network

Remote Connection	Up to 640 Users
WEB	IE10/11, Safari V12.1 above, Firefox V.52 above, Google chrome V.57 above, Edge V.79 above
Protocols	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SMTP, SNMP,UPnP, HTTP, HTTPS
API	Onvif (profile G/S/T)
Voice command	Home Device: Google Assistant, Amazon Alexa

FONCTIONS IA INSTANT NOTIFICATIONS

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

INTERFACE

P/W Reset	Yes
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 100/1000 Base-T
PoE	4*RJ45, 100 Base-T 802.3at/af
USB	USB2.0*1(front) USB2.0*1(rear)
Audio Out	1 out
HDD	1 SATA HDD, up to 16TB
RS485	N/A
Alarm Input/Output	N/A

GENERAL

Language	English/French/Spanish/Portuguese/German/Italian/Greek/Danish/Finnish/ Russian/ Hebrew/Turkish/Bulgarian/Arabic/Korean/ Japanese/Thai/Hindi/ Romanian/Dutch/Polish/ Persian/Hungarian/Chinese/Ukrainian
Dimension (WxDxH)	300*227*53mm
Weight	≤ 0.98 kg (without HDD, 2.2 lb.)
Input Voltage/Current	48V/1.2A
Power consumption (excluding hard disk)	3.8W
Operating Temperature/ Humidity	Temperature: -10°C~+50°C (14°F ~ 122°F) Humidity: Less than 90%RH
FCC/CE	Yes
Rackmount Compatible	Yes

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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