



FENNEC SERIES

BY

MODEL #

GSD-NVRFNC4K-64NP-N

64 CHANNEL NETWORK VIDEO RECORDER

Onvif® | GSD

NDAA
Compliant

The **GSD-NVRFNC4K-64NP-N** is a next-generation 64-channel 4K Network Video Recorder designed to deliver enterprise-class performance, exceptional clarity, and large-scale storage capacity. Supporting up to 12MP recording with four 4K HDMI outputs and three HDMI spot monitors, it provides unmatched flexibility for command-center monitoring. With support for up to 64 IP cameras and eight HDD bays up to **18TB** each, it offers extensive recording retention required for mission-critical environments. ONVIF compliance ensures system-wide compatibility, while P2P connectivity provides secure remote access. Its rackmount-ready design and high-capacity architecture make it ideal for corporate, industrial, and multi-facility deployments.

12MP RESOLUTION

Up to 12MP
Resolution

Onvif

ONVIF Compliant
(G/S/T)

4K

4x 4K HDMI
Outputs

<···>

3 HDMI Spot
Monitors



8HDD slot up to
16TB



Rackmount
Compatible



Alarm 16 In/ 4 Out



Up To 64 IP
Cameras

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

RECORDING BANDWIDTH

Resolution	12MP, 8MP, 5MP, 3MP, 2MP(1080P), 1.3MP(960P), 1.0MP(720P)
Input	256M
Out	128M

PERFORMANCE

Compression	Audio: G.711A/G.711U Video : H.264/H.265/H.264+/H.265+
AI Features	Yes
Frame Rate	4K:240fps 4MP:480fps 2MP:960fps
Event	MD (Sensitivity Level 1~8) Video loss Beep, Email, Push notification to Mobile APP
Playback Function	Fast forward / backward (2x, 4x, 8x, 16x) Slow forward (1/2x, 1/4x, 1/8x, 1/16x)
Playback	Max 16CH playback
Raid Type	RAID0, RAID1, RAID5, RAID6, RAID10
Fisheye	Support Dewarping

UI/MONITORING

Local	UI5.0
Web	IE10/11, Safari V12.1 above, Firefox V.52 above Google chrome V.57 above, Edge V.79 above
Mobile Viewer	SMART GUARDIAN

INTERFACE

P/W Reset	Yes
HDMI 1	3 (1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080, 1920*1080, 1600*1200, 1920*1200, 3840*2160/7680*4320/EDID) Async out
HDMI 2	1 (1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080 /EDID) Async out

DOWNLOAD THE SMART GUARDIAN APP

**GET IT ON
Google Play**
**Available on the
App Store**
WWW.GSDGROUPINC.COM
CONNECTIONS

Ethernet	2 RJ45 1000 Base-T
USB	USB2.0*1(front) USB3.0*2(rear)
Audio Out	1
E-SATA	1
HDD	8 SATA HDD, up 16TB (WD Purple)
Line-In	1
RS232	1*RJ45
RS485	1
Alarm Input/Out	16in /4out

GENERAL

OSD Language	ENG/FR/SPA/PT/GER/IT/GR/DAN/FIN/RUS/HEB/TUR/BUL/ARA/KOR/JPN/TH/HIN/ROM/DUT/POL
Dimension (WXDXH)	440*460*89mm
Input Voltage/Current	ATX 250W
Power Consumption	8W (Excluding hard disk)
Operating Temperature/Humidity	Temperature : -10°C~+50°C (14°F ~ 122°F) Humidity : Less than 90%RH

FONCTIONS IA INSTANT NOTIFICATIONS

<i>Human Detection</i>	<i>Region Exiting</i>
<i>Vehicle Detection</i>	<i>Cross-Counting</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>Region Entrance</i>	<i>Video Tampering</i>
<i>Queue Length Detection</i>	INSTANT NOTIFICATIONS
AI MAX CAPTURED QUANTITY	200,000
AI REGISTERED QUANTITY	10,000



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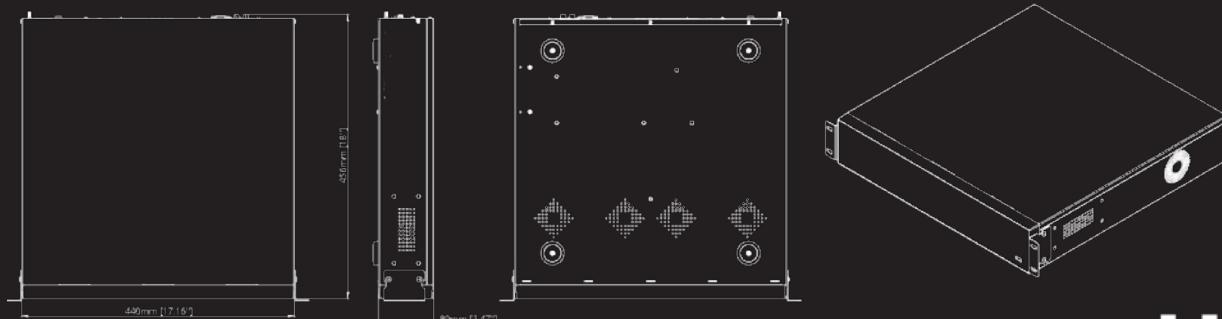
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DIMENSIONS

**HDMI**
HIGH-DEFINITION MULTIMEDIA INTERFACE

Length:456MM | Width:440MM | Height: 89MM



COMPATIBLE HARD DRIVES

**WD-HDDPURPLE-4T**

UP TO 4TB HARD DRIVE

WD-HDDPURPLE-6T

UP TO 6TB PRO HARD DRIVE

WD-HDDPURPLE-8T

UP TO 8TB PRO HARD DRIVE

WD-HDDPURPLE-12T

UP TO 12TB PRO HARD DRIVE

**WD-HDDGOLD-4T**
UP TO 4TB HARD DRIVE
ENTERPRISE CLASS**WD-HDDGOLD-6T**
UP TO 6TB HARD DRIVE
ENTERPRISE CLASS DRIVE**WD-HDDGOLD-8T**
UP TO 8TB HARD DRIVE
ENTERPRISE CLASS DRIVE**WD-HDDGOLD-12T**
UP TO 12TB HARD DRIVE
ENTERPRISE CLASS DRIVE