FENNEC SERIES

BY GSD GROUP

32 CHANNEL NETWORK VIDEO RECORDER

ONVIF® | GST | NDAA Compliant | N

32CH Network Video Recorder

PWR HDD
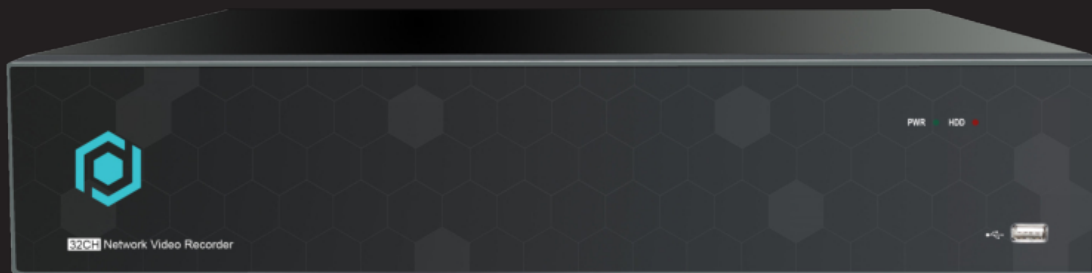
The **GSD-NVRFNC4K-32NP-N** is a next-generation 32-channel 4K Network Video Recorder engineered for high-capacity, professional-grade surveillance environments. Supporting recording up to 8MP resolution with dual 4K HDMI outputs and a dedicated HDMI spot monitor, it delivers exceptional clarity across extensive camera networks. With support for up to 32 IP cameras and an 8-bay HDD configuration up to **18TB** each, it provides substantial long-term storage for large-scale operations. ONVIF compliance ensures broad system compatibility, while P2P connectivity enables secure remote access from anywhere. This rackmount-ready NVR offers powerful performance ideal for enterprise and multi-site security applications.

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

8MP RESOLUTION
Up to 8MP Resolution

ONVIF
ONVIF Compliant (G/S/T)

4K
2x 4K HDMI Outputs

< · ⚡ · >
HDMI Spot Monitor

HDD
8HDD slot up to 16TB

Rackmount Compatible

P2P
Alarm 16 In/ 4 Out

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Up To 32 IP CMAS

RECORDING BANDWIDTH

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

PERFORMANCE

SOC	NDAA
Installation Wizard	Yes
Compression	Audio: G.711A;G.711U Video : H.264/H.264+/H.265/H.265+
AI Features	Yes
Frame Rate	4K:60fps 4MP:120fps 2MP:240fps
Event	MD (Sensitivity Level 1~8) Videlo 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

FONCTIONS IA   INSTANT NOTIFICATIONS

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

DOWNLOAD THE SMART GUARDIAN APP

GET IT ON Google Play

Available on the App Store

UI/MONITORING

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

INTERFACE

P/W Reset	Factory Reset : Press 10 seconds
VGA	1 (1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080)
HDMI 1	1 (1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080,2560*1440, 3840*2160/EDID) Sync output with VGA
HDMI 2	1 (1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080) Async ouptut with HDMI 1

CONNECTIONS

Ethernet	2 RJ45 100/1000 Base-T
USB	USB2.0*1 (front) USB3.0*1+USB2.0*1 (rear)
Audio Out	1
E-SATA	1
HDD	8 SATA , each HDD up to 16TB
Line-In	1
RS485	1
Alarm Input/Out	16 in /4 out

GENERAL

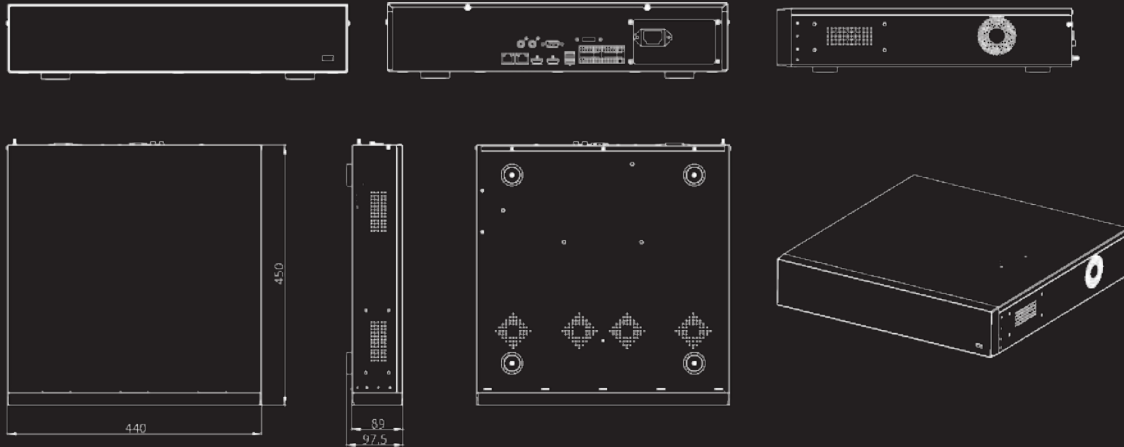|	
OSD Language	Multiple Languages : EN/FR/ES/DN/TC/IN/JP/KR
Dimension (WXDXH)	440*460*89mm
Input Voltage/Current	ATX 250W
Power Consumption	12W
Operating Temperature/ Humidity	Temperature : -10°C~+50°C (14°F ~ 122°F) Humidity : Less than 90%RH

DIMENSIONS

Length:450MM | Width:440MM | Height: 97.5MM

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-12T

UP TO 12TB PRO HARD DRIVE

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