



FENNEC SERIES

BY



MODEL #

GSD-NVRFNC4K-08-N

8 CHANNEL NETWORK VIDEO RECORDER



The **GSD-NVRFNC4K-08-N** is a next-generation 8-channel 4K Network Video Recorder built to deliver dependable performance and streamlined installation for modern surveillance systems. Supporting recording up to 8MP with 4K HDMI output, it ensures clear, high-definition imaging across all connected channels. With 8 PoE ports + E-PoE, setup is quick and efficient — simply connect cameras and power them directly from the recorder. ONVIF compliance provides broad compatibility across brands, while secure P2P connectivity enables remote access anytime. With support for an HDD up to **18TB**, it offers reliable long-term storage ideal for residential and commercial security environments.

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

4K HDMI Output



8 POE Ports + E-PoE



1HDD slot up to 16TB



1080P VGA Output



P2P Connection



ONVIF Encoder



RECORDING BANDWIDTH

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

PERFORMANCE

Installation Wizard	Yes
Compression	Audio: G.711a Video : H.264/H.265
AI Features	Yes
Frame Rate	4K:45fps 4MP:90fps 2MP:180fps
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 8CH playback

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

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
Push Notifications	Yes

INTERFACE

P/W Reset	Factory Reset : Press 10 seconds After the button press and the buzzer beeps, it means the reset is done.
VGA	1 (1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080)
HDMI	1 (1024*768, 1280*720, 1280*1024,1440*900, 1920*1080 , 2560*1440, 3840*2160/EDID)

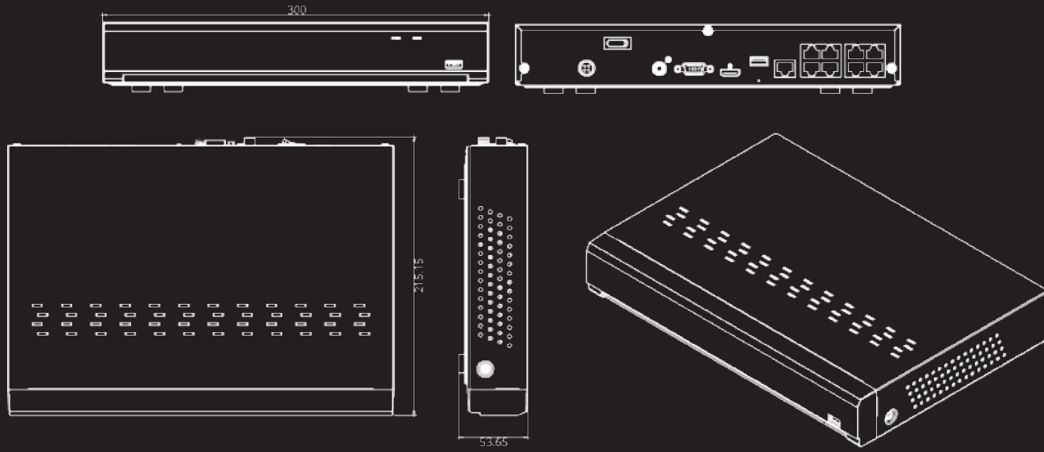
CONNECTIONS

POE	8 POE
Ethernet	1 RJ45 100/1000 Base-T
USB	USB2.0*1(front) USB2.0*1+(rear)
Audio Out	1
E-SATA	NO
HDD	The recorder can support up to 16TB

GENERAL

OSD Language	Multiple Languages : EN/FR/ES/DN/TC/IN/JP/KR
Dimension (WXDXH)	300X227X53mm
Input Voltage/Current	1HDD:DC48V/1.5A PoE Swith :48V
Power Consumption	5W
Operating Temperature/ Humidity	"Temperature : 0°C~+40°C (32°F ~ 104°F) Humidity : Less than 90%RH"

DIMENSIONS



Length:215.15MM | Width:300MM | Height: 53.65MM



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

DOWNLOAD THE SMART GUARDIAN APP

