



FENNEC SERIES

BY
MODEL #
GSD-NVRFNC4K-64

64 CHANNEL NETWORK VIDEO RECORDER

Onvif® | GSD

NDAA
Compliant

The **GSD-NVRFNC4K-64** is a next-generation 64-channel 4K Network Video Recorder built to deliver high-capacity recording, superior image quality, and operational efficiency for enterprise-level surveillance. Supporting up to 8MP resolution with dual 4K HDMI outputs and dual HDMI spot monitors, it ensures detailed monitoring across expansive camera networks. With support for up to 64 IP cameras and an 8-bay HDD system up to **18TB** each, it offers extensive long-term storage for demanding security installations. Fully ONVIF compliant and equipped with P2P connectivity, it enables seamless integration and secure remote access anytime. Its rackmount-ready design makes it ideal for large commercial and industrial applications.

8MP RESOLUTION

Up to 8MP
Resolution



8HDD slot up
to 16TB

Onvif

ONVIF Compliant
(G/S/T)



Rackmount
Compatible

4K

2x 4K HDMI
Outputs



Alarm 16 In/ 4 Out

<···>

2 HDMI Spot
Monitors



Up To 64 IP
Cameras

AI FEATURES

- Human & Vehicle Detection
- Perimeter Intrusion Detection
- Line Crossing Detection
- Facial Recognition
- Cross-Counting
- Heat Map

RECORDING BANDWIDTH

Recording Bandwidth	12MP, 8MP, 5MP, 3MP, 2MP(1080P), 1.3MP(960P), 1.0MP(720P)
Recording Resolution	256M
Display Split	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 App	SMART GUARDIAN
Push Notifications	Yes

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

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 & Vehicle Detection</i>	<i>Cross-Counting</i>
<i>Perimeter Intrusion Detection</i>	<i>Rare Sound Detection</i>
<i>Line Crossing Detection</i>	<i>Heat Map</i>
<i>Facial Recognition</i>	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

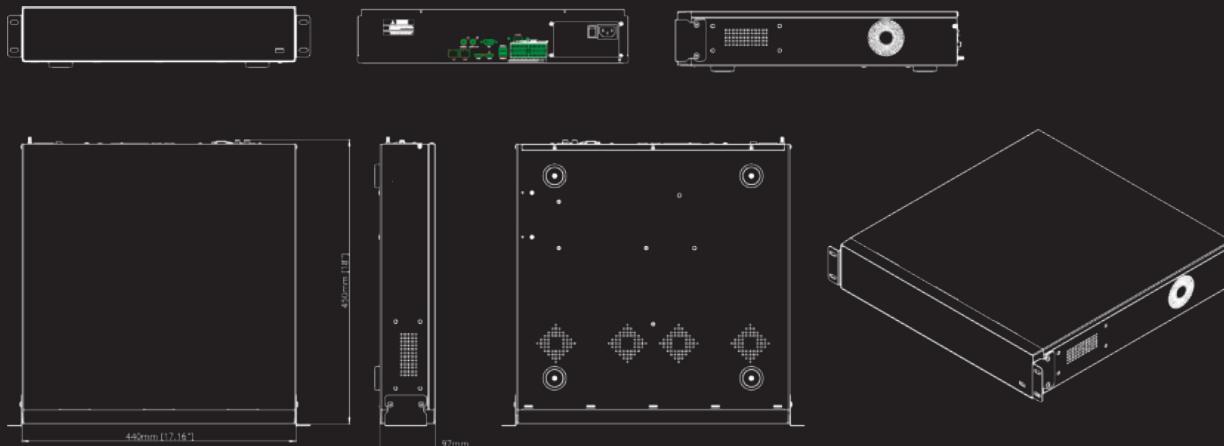


FENNEC SERIES

BY

MODEL #
CSD-NVRFNC4K-64

DIMENSIONS



Length:450MM | Width:440MM | Height: 97MM



COMPATIBLE HARD DRIVES



WD-HDDPURPLE-4T
UP TO 4TB HARD DRIVE



WD-HDDPURPLE-6T
UP TO 6TB PRO HARD DRIVE



WD-HDDPURPLE-12T
UP TO 12TB PRO HARD DRIVE

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