



FENNEC SERIES

BY
GSD
GROUP

MODEL #

GSD-DVRFNC4K-04-N-AI

4 CHANNEL DIGITAL VIDEO RECORDER

Onvif® | GST

NDAA
Compliant

The **GSD-DVRFNC4K-04-N-AI** is a 4-channel AI-powered DVR designed for compact surveillance systems that require intelligent monitoring and reliable control. It features advanced AI analytics including human and vehicle detection, license plate recognition, and intrusion alerts, delivering proactive security insights. With 4 alarm inputs and 1 alarm output, 4K HDMI output, ONVIF compatibility, P2P mobile access, and support for up to 18TB of storage, it is well suited for small businesses and residential applications.

8MP RESOLUTION

Up to 8MP
Resolution

Onvif

ONVIF
Encoder

4K

4K HDMI
Resolution

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Alarm
4 In/ 1 Out



1HDD
slot up to 18TB



Spot Monitor
Out on BNC



P2P Mobile
Connection



Up to 6 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

Inputs	12Mbps ~36Mbps IP Bandwidth default is 12Mbps, decrease one Analog channel can increase 6Mbps Total decoding performance 4K 30fps
Out	48Mbps
Analog-video-input	4CH Inputs

LIVE

IP Video Input	2ch,(only IP up to 6ch)
Composite Video Input	Up to 6ch (Analog video + IP video)

PERFORMANCE

Installation Wizard	Yes
Compression	Audio: G.711a Video : H.264/H.265
Display Resolution	Yes
Speed	Analog : 8MP (15fps) 5MP (20fps) 4MP/1080P/720P/960H (30fps) IP : 4K/4MP/1080P/720P Single IP channel preview up to 4K 30 fps multi-channel preview only substream
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	8MP: 28fps 5MP: 48ps 4MP: 60fps 1080P: 120fps

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

***THESE AI FEATURES ONLY WORK WITH IP CAMERAS, OR ANALOG CAMERAS WITH 2MP OR MORE**

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 Notification	Yes
P/W Reset	Factory Reset : Press 10 seconds
BNC	1 (704*576)
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)
Ethernet	1 RJ45 10/100 Base-T
USB	USB2.0*1 (front) USB2.0*1+(rear)
Audio	4 in / 1 out
E-SATA	1 optional, not supported by default
HDD	The recorder can support up to 18TB
RS485	1
Alarm input/out	4 in / 1 out

GENERAL

OSD Language	Multiple: EN/FR/ES/DN/TC/IN/JP/KR
Dimension (WxDxH)	300X227X53mm
Input Voltage/Current	DC12V/2A
Power Consumption	4.7W
Operating Temperature/ Humidity	Temperature : 0°C~+40°C (32°F ~ 104°F) Humidity : Less than 90%RH

DOWNLOAD THE SMART GUARDIAN APP



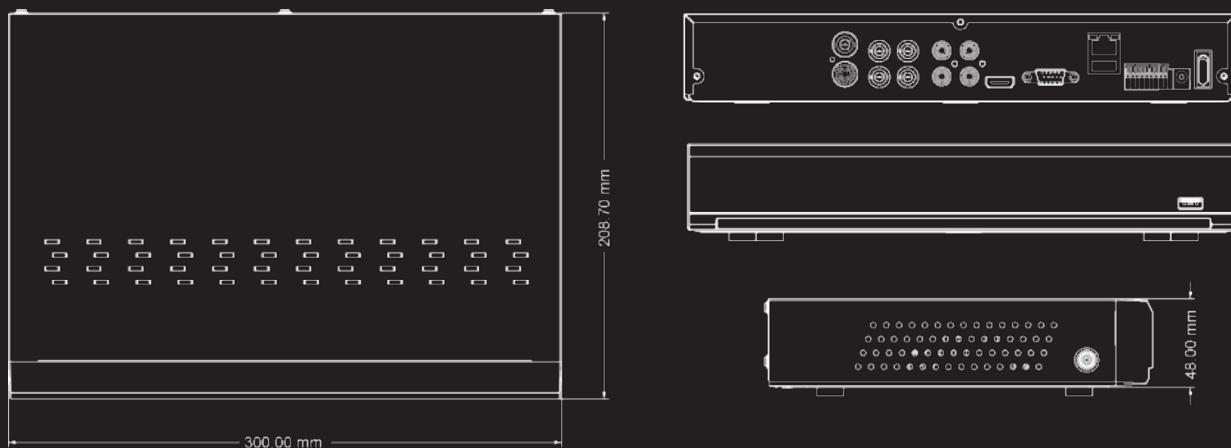


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MODEL #
GSD-DVRFNC4K-04-N-AI

DIMENSIONS



Length:208.7MM | Width:300MM | Height: 48MM



HDMI®
HIGH-DEFINITION MULTIMEDIA INTERFACE

COMPATIBLE ACCESSORIES



BALUNHDA+ VIDEO/POWER/AUDIO OVER CAT5

DISTANCE	400+
FORMAT	PIGTAIL
DETAILS	VIDEO POWER AUDIO
PACKAGE	PAIR
TECHNO	TVI/CVI/AHD/ANALOG



BALUNHD BALUNHD OVER TWISTED PAIR

DISTANCE	700+ FEET
FORMAT	PIGTAIL
DETAILS	2MP/5MP/8MP
PACKAGE	PAIR
TECHNO	TVI/CVI/AHD/ANALOG



SWC5POE-GIGA
POE SWITCH



SWC5POE-MAN
POE SWITCH



WD PURPLE PRO
UP TO 2TB HARD DRIVE



WD PURPLE PRO
UP TO 4TB HARD DRIVE



WD PURPLE PRO
UP TO 8TB HARD DRIVE