



FENNEC SERIES

BY

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**  
RESOLUTIONUp to 8MP  
Resolution

Onvif

ONVIF  
Encoder**4K**4K HDMI  
ResolutionAlarm  
4 In/ 1 Out1HDD  
slot up to 18TBSpot Monitor  
Out on BNCP2P Mobile  
ConnectionUp 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

WWW.GSDGROUPINC.COM



A CANADIAN ENTERPRISE



FENNEC SERIES

BY



MODEL #

GSD-DVRFNC4K-04-N-AI

## RECORDING BANDWIDTH

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

## LIVE

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

## PERFORMANCE

<b>Installation Wizard</b>	Yes
<b>Compression</b>	Audio: G.711a Video : H.264/H.265
<b>Display Resolution</b>	Yes
<b>Speed</b>	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
<b>Event</b>	MD (Sensitivity Level 1~8) Videlo loss Beep, Email, Push notification to Mobile APP
<b>Playback Function</b>	Fast forward / backward (2x, 4x, 8x,16x) Slow forward (1/2x, 1/4x, 1/8x,1/16x)
<b>Playback</b>	8MP: 28fps 5MP: 48ps 4MP: 60fps 1080P: 120fps

## 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

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

## UI/MONITORING

<b>Local</b>	UI5.0
<b>Web</b>	IE10/11, Safari V12.1 above, Firefox V.52 above, Google chrome V.57 above Edge V.79 above
<b>Mobile Viewer</b>	SMART GUARDIAN
<b>Push Notification</b>	Yes
<b>P/W Reset</b>	Factory Reset : Press 10 seconds
<b>BNC</b>	1 (704*576)
<b>VGA</b>	1 (1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080)
<b>HDMI</b>	1(1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080 , 2560*1440, 3840*2160/EDID)
<b>Ethernet</b>	1 RJ45 10/100 Base-T
<b>USB</b>	USB2.0*1 (front) USB2.0*1+(rear)
<b>Audio</b>	4 in / 1 out
<b>E-SATA</b>	1 optional, not supported by default
<b>HDD</b>	The recorder can support up to 18TB
<b>RS485</b>	1
<b>Alarm input/out</b>	4 in /1 out

## GENERAL

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

[DOWNLOAD THE SMART GUARDIAN APP](#)


WWW.GSDGROUPINC.COM



A CANADIAN ENTERPRISE



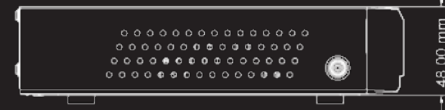
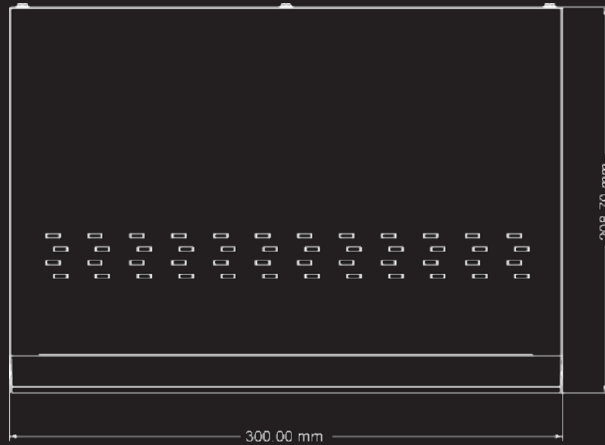
FENNEC SERIES

BY



MODEL # **GSD-DVR-FNC4K-04-N-AI**

## DIMENSIONS



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



**HDMI®**  
HIGH DEFINITION MULTIMEDIA INTERFACE

## COMPATIBLE ACCESSORIES

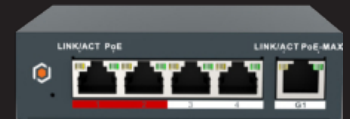


**BALUNHDA+**  
VIDEO/POWER/AUDIO OVER CAT5

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



**SWC5POE-GIGA**  
POE SWITCH



**SWC5POE-MAN**  
POE SWITCH



**BALUNHD**  
BALUNHD OVER TWISTED PAIR

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



**WD PURPLE PRO**  
UP TO 2TB HARD DRIVE



**WD PURPLE PRO**  
UP TO 4TB HARD DRIVE



**WD PURPLE PRO**  
UP TO 8TB HARD DRIVE

WWW.GSDGROUPINC.COM



A CANADIAN ENTERPRISE