



FENNEC SERIES

BY



MODEL #

GSD-DVRFNC4K-08-N-AI

8 CHANNEL DIGITAL VIDEO RECORDER

ONVIF® | GST

NDAA
Compliant

The **GSD-DVRFNC4K-08-N** is a versatile 8-channel digital video recorder built for dependable, scalable surveillance systems. It supports expansion with up to 12 IP cameras and delivers clear system monitoring via 4K HDMI output. Equipped with 8 alarm inputs and 1 alarm output, ONVIF encoding, P2P mobile connectivity, and support for up to 18TB of storage, this DVR is an excellent choice for mid-size installations that require flexibility and reliable event handling without AI features.

8MP
RESOLUTION
Up to 8MP
Resolution

ONVIF

ONVIF Encoder

4K

4K HDMI
ResolutionAlarm 8
In/ 1 Out1HDD slot up to
18TBSpot Monitor Out
on BNCP2P Mobile
ConnectionUp to 12 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

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A CANADIAN ENTERPRISE



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LIVE

IP Video Input	4ch,(only IP up to 12ch)
Composite Video Input	8ch (Analog video + IP video up to 12ch)

PERFORMANCE

Compression	Audio: G.711a Video : H.264/H.265
Display Resolution	Analog : 8MP (15fps) 5MP (20fps) 4MP/1080P/720P/960H (30fps) IP : 4K/4MP/1080P/720P Single IP channel preview up to 4K 30 fps
Speed	Main-stream Analog : 8MP:10fps(each ch) 5MP:14fps(each ch) 4MP:18fps(each ch) 1080P : PAL : 25fps(each ch)/NTSC:30fps(each ch) IP : PAL : 25fps(each ch)/NTSC: 30fps(each ch) Sub-stream Max PAL (704*576:10fps(each ch) NTSC (704*480:10fps(each ch)
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: 72fps (Max 8CH playback) 5MP: 112fps (Max 8CH playback) 4MP: 144fps (Max 8CH playback) 1080P: 240fps (Max 8CH playback)

FUNCTIONS 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

RECORDING BANDWIDTH

Inputs	32Mbps ~96Mbps Decrease one Analog channel can increase 8Mbps Analog channel and digital channel can be converted
Out	96Mbps
Analog-video-input	8CH Inputs

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 100/1000 Base-T
USB	USB2.0*1(front) USB3.0*1+(rear)
Audio	8 in /1 out
HDD	1 SATA HDD, up to 18TB
RS485	1
Alarm input/out	8 in /1 out

GENERAL

OSD Language	Multiple: EN/FR/ES/DN/TC/IN/JP/KR
Dimension (WXDXH)	300X220X53mm
Input Voltage/Current	DC12V/2A
Power Consumption (Excluding Hard Disk)	11W
Operating Temperature/ Humidity	Temperature : -10°C~+50°C (14°F ~ 122°F) Humidity : Less than 90%RH





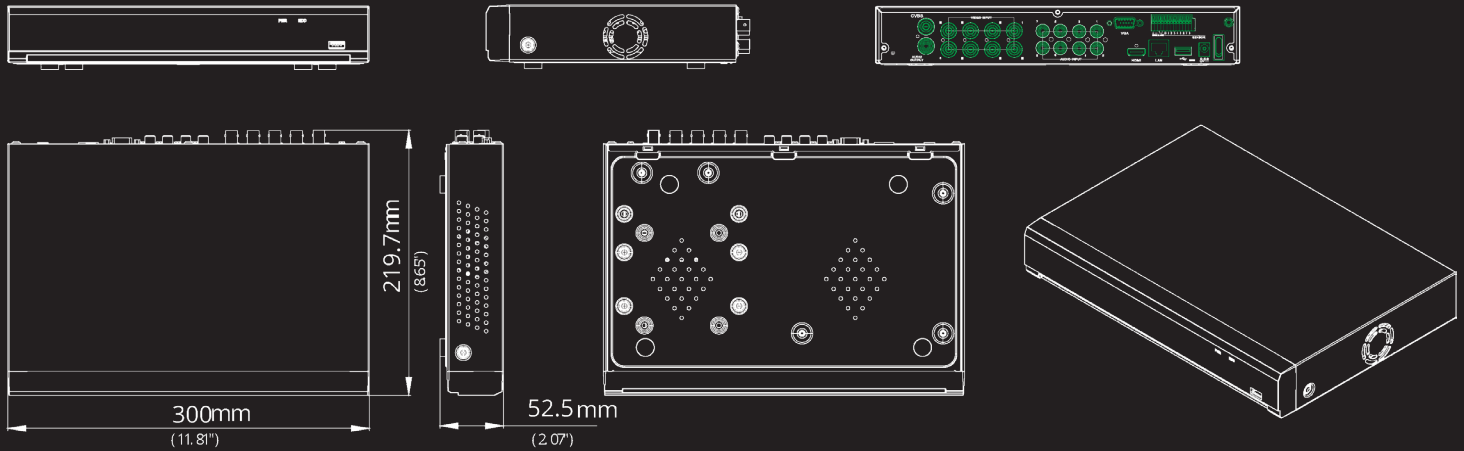
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DIMENSIONS



Length:219.7MM | Width:300MM | Height: 52.5MM



HDMI®
HIGH DEFINITION MULTIMEDIA INTERFACE

COMPATIBLE ACCESSORIES



BALUNHDA+
VIDEO/POWER/AUDIO OVER CAT5

DISTANCE 400+

FORMAT PIGTAIL

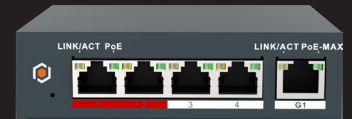
DETAILS VIDEO POWER AUDIO

PACKAGE PAIR

TECHNO TVI/CVI/AHD/ANALOG



SWC5POE-GIGA
POE SWITCH



SWC5POE-MAN
POE SWITCH



BALUNHD
BALUNHD OVER TWISTED PAIR

DISTANCE 700+ FEET

FORMAT PIGTAIL

DETAILS 2MP/5MP/8MP

PACKAGE PAIR

TECHNO 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

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At G.S.D Group, we design and deliver innovative, reliable, and high-performance security solutions that protect people, businesses, and critical infrastructure. From intelligent surveillance and access control to enterprise software and AI-powered technologies, we provide complete security ecosystems built for today's challenges and tomorrow's opportunities.

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