



FENNEC SERIES

BY



MODEL #
GSD-DVRFNC4K-04-N-AI

4 CHANNEL DIGITAL VIDEO RECORDER

Onvif®

GST

NDA
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



Alarm
4 In/ 1 Out



1HDD
slot up to 18TB



Spot Monitor
Out on BNC



P2P Mobile
Connection



Up to 6 IP
Cameras

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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

FUNCTIONS IA INSTANT NOTIFICATIONS

<i>Human Detection</i>	<i>Rare Sound Detection</i>
<i>Vehicle Detection</i>	<i>Stationary Object Detection</i>
<i>Line Crossing Detection</i>	<i>Crowd Density Detection</i>
<i>License Plate Detection</i>	<i>Noise Detection</i>
<i>Facial Recognition</i>	<i>Video Tampering</i>
<i>Queue Length Detection</i>	

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





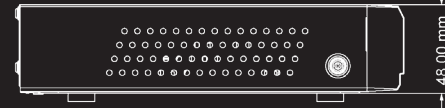
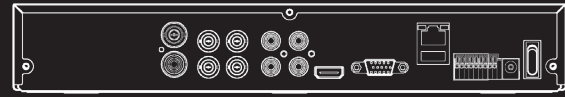
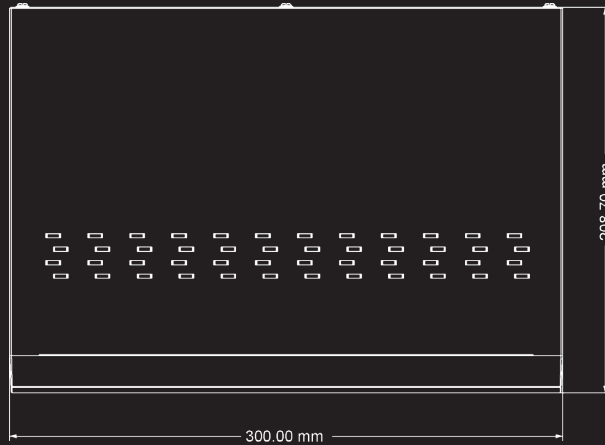
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DIMENSIONS



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



HDMI®
HIGH DEFINITION MULTIMEDIA INTERFACE

COMPATIBLE ACCESSORIES

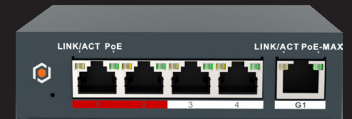


BALUNHDA+
VIDEO/POWER/AUDIO OVER CAT5

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



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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