



FENNEC SERIES

BY



MODEL #

GSD-DVRFNC4K-16-N-AI

16 CHANNEL DIGITAL VIDEO RECORDER

Onvif® | GST



Designed for large-scale deployments, the **GSD-DVRFNC4K-16-N-AI** is a powerful 16-channel AI DVR engineered for enterprise-level security systems. It supports up to 24 IP cameras, offers dual HDD bays with up to 18TB per drive, and includes a full suite of AI features such as license plate recognition, facial recognition, crowd density analysis, and intrusion detection. Featuring 16 alarm inputs and 1 alarm output, 4K HDMI output, ONVIF support, and mobile connectivity, it is ideal for warehouses, campuses, and multi-site installations.

8MP
RESOLUTION
Up to 8MP
Resolution

Onvif

ONVIF Encoder

4K

4K HDMI
ResolutionAlarm
16 In/ 1 Out2HDD slot up to
32TBSpot Monitor Out
on BNCP2P Mobile
ConnectionUp to 24 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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LIVE

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

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)

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

RECORDING BANDWIDTH

Inputs	64~192Mbps Decrease one Analog channel can increase 8Mbps Analog channel and digital channel can be converted
Out	192Mbps
Analog-video-input	16CH 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
Channel	16

INTERFACE

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	16 in /1 out
E-SATA	1
HDD	2 SATA HDD, up to 18TB each HDD
RS485	1
Alarm Input/Out	16 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





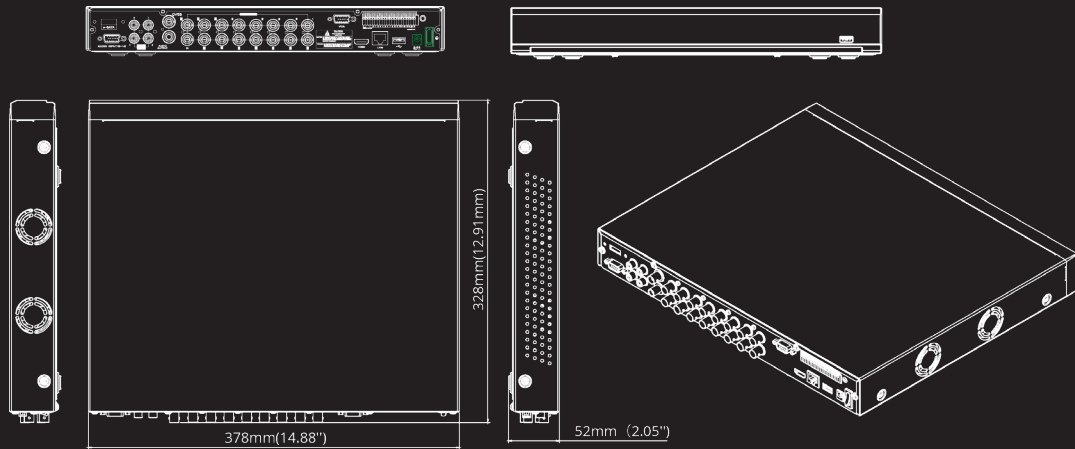
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MODEL # **GSD-DVR-FNC4K-16-N-AI**

DIMENSIONS



Length:328MM | Width:378MM | Height: 52.5MM



HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

COMPATIBLE ACCESSORIES

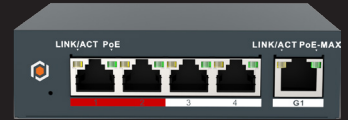


BALUNHDA+
VIDEO/POWER/AUDIO OVER CAT5

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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