FENNEC SERIES OCTAVUE

MODEL #
GSD-DVRFNC4K-16-N-AI

16 CHANNEL DIGITAL VIDEO RECORDER

ONVIF | GMST | NDAA Compliant | AI



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 Resolution

Alarm 16 In/ 1 Out

HDD
2HDD slot up to 32TB

Spot Monitor Out on BNC

P2P
P2P Mobile Connection

Up 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.265/H.264
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
Recording FPS	4MP: 320fps; 5MP: 240fps; 8MP: 160fps; 1080P: 480fps (per channel: Main-stream Analog :8MP:10fps(each ch) 5MP:15fps(each ch) 4MP:20fps(each ch) 1080P:PAL:25fps(each ch)/NTSC:30fps(each ch) IP : PAL:25fps(each ch)/NTSC: 30fps(each ch))
Events	MD (Sensitivity Level 1~8) Video loss Beep, Email, Push notification to Mobile APP
Playback	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

Bandwidth In	64–192 Mbps (hybrid: +8 Mbps per analog channel converted)
Bandwidth Out	192 Mbps
Analog-video-input	16CH inputs

UI/MONITORING

Ui Version	UI5.0
Web Browsers	IE 10/11, Chrome 57+, Firefox 52+, Safari 12.1+, Edge 79+
Mobile App	OV CONNECT
Push Notifications	Yes
Channels	16

INTERFACE

Password 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 (10/100BASE-T)
USB Ports	1× USB 2.0 (front), 1× USB 2.0 (rear)
Audio	16 in / 1 out
eSata	1
HDD	2 × SATA HDD, up to 16TB per HDD
Rs 485	1
Alarm I/O	16 in / 1 out

GENERAL

OSD Languages	EN, FR, ES, DN, TC, IN, JP, KR
Dimensions	378×317×50 mm
Input Voltage	DC12V/5A
Power Consumption	≤ 20 W
Operating Temp / Humidity	-10°C to +50°C / < 90% RH

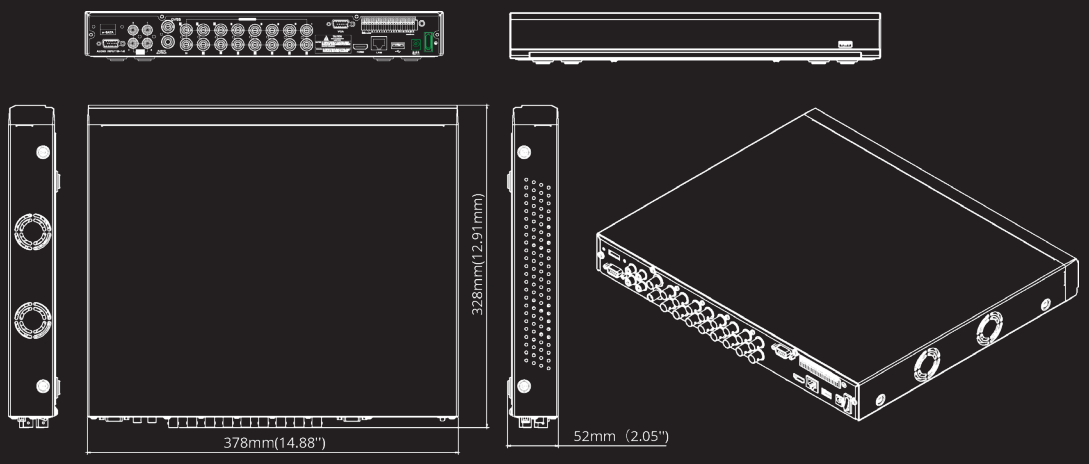
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MODEL #

GSD-DVRFNC4K-16-N-AI

DIMENSIONS



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



HDMI® HIGH-DEFINITION MULTIMEDIA INTERFACE

COMPATIBLE ACCESSORIES



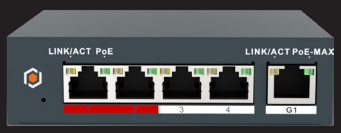
BALUNHDA+

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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