FENNEC SERIES BY GSD GROUP

MODEL #
GSD-DVRFNC5MP-32-N-AI

32 CHANNEL DIGITAL VIDEO RECORDER

ONVIF | GST | NDAA Compliant | AI



Built for high-density surveillance environments, the **GSD-DVRFNC5MP-32-N-AI** is a robust 32-channel AI DVRdesigned for maximum coverage and control. It supports four hard drives up to 18TB each, advanced AI analytics including crowd density detection, license plate recognition, and intrusion alerts, and delivers smooth system operation with 4K HDMI output. Featuring 16 alarm inputs and 1 alarm output, ONVIF support, and mobile connectivity, this DVR is ideal for enterprise facilities, campuses, and large commercial sites.

5MP RESOLUTION
Up to 5MP Resolution LITE

ONVIF
ONVIF Encoder

4K
4K HDMI Resolution

Alarm 16 In/ 1 Out

HDD
4HDD slot up to 18TB

Spot Monitor Out on BNC

P2P
P2P Mobile Connection

Up to 4 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
Composite Video Input	up to 36ch (Analog video + IP video)

PERFORMANCE

Compression	Audio: G.711a Video : H.264/H.265
Display Resolution	Analog : 5MP-Lite (1280x1944) @15fps 4MP-Lite @30 fps 1080P/720P/960H @ 30fps
Speed	Analog : 5MP-Lite:15fps (each ch) 4MP-Lite:20fps(each ch) 1080P:15fps(each ch) 720P:PAL:25fps(each ch)/NTSC::30fps(each ch) IP: PAL:25fps(each ch)/NTSC: 30fps(each ch)
Ai Features	PID - Perimeter Intrusion Detection LCD - Line Crossing Detection PD&VD - Human&Vehicle Detection FD - Face Detection FR - Face Recognition
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	5MP-lite: 240fps (Max 16CH playback) 4MP-lite: 320fps (Max 16CH playback) 1080P: 480fps (Max 16CH playback) 720P:960fps (Max 16CH 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	16Mbps
Out	216Mbps
Analog-video-input	32CH 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	OV connect
Push Notification	Yes

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(2K),3840*2160(4K))
Ethernet	2 RJ45 100/1000 Base-T
USB	USB2.0*1(front) / USB3.0*1+(rear)
Audio	8 in /1 out
E-SATA	1
HDD	4 SATA HDD, Up to 18 TB capacity for each disk
RS485	1
Alarm Input/Out	16 in /1 out

GENERAL

OSD Language	English/French/Spanish/Portuguese/German/Italian/Greek/Danish/Finnish/Russia/Hebrew/Turkish/Bulgarian/Arabic/Korean/Japanese/Thai/Hindi/Romanian/Dutch/Polish
Dimension (WXDXH)	380*340*50mm
Input Voltage/Current	DC12V/5A
Power Consumption (Excluding Hard Disk)	21W
Operating Temperature/ Humidity	Temperature : -10°C~+50°C (14°F ~ 122°F) Humidity : Less than 90%RH

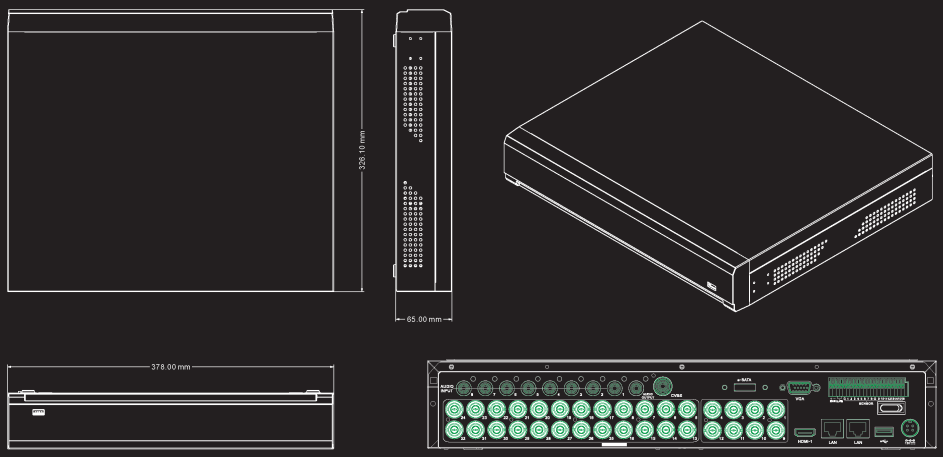
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DIMENSIONS



Length:317.4MM | Width:378MM | Height: 50MM



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*



BALUNHD

BALUNHD OVER TWISTED PAIR

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



SWC5POE-GIGA
POE SWITCH



SWC5POE-MAN
POE SWITCH



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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