FENNEC SERIES OCTAVUE

MODEL #
GSD-DVRFNC5MP-16-N-AI

16 CHANNEL DIGITAL VIDEO RECORDER

ONVIF | GMST | NDAA Compliant | AI



The **GSD-DVRFNC5MP-16-N-AI** is a cost-effective 16-channel AI DVR that balances intelligent analytics with efficient system performance. It delivers features such as human and vehicle detection, facial recognition, and perimeter alerts, while supporting dual hard drives up to 18TB each. With 16 alarm inputs and 1 alarm output, 4K HDMI output, ONVIF compatibility, and P2P mobile access, this DVR is well suited for users seeking smart surveillance without high storage or bandwidth demands.

- 8MP RESOLUTION — Up to 8MP Resolution LITE
- ONVIF — ONVIF Encoder
- 4K — 4K HDMI Resolution
- Alarm 16 In/ 1 Out
- HDD — 2HDD 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,(only IP up to 20ch)
Composite Video Input	Up to 20ch (Analog video + IP video)

PERFORMANCE

Installation Wizard	Yes
Compression	Audio: G.711a Video: H.265/H.264
Display Resolution	Analog : 5MP-Lite (3.9MP): 15fps 4MP-Lite: 30 fps 1080P/720P/960H: 30fps IP : 5MP/4MP/1080P/720P Single channel preview up to 2MP 30 fps multi-channel preview only substream
Recording FPS	720P: 240fps; 1080P: 120fps; 4MP-Lite: 128fps; 5MP-Lite: 96fps (per channel: Main-stream Analog : 5MP-Lite:12fps (each ch) 4MP-Lite:16fps(each ch) 1080P:15fps(each ch) 720P: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	5MPlite: 96fps (Max 8CH playback), 4MPlite: 128fps, (Max 8CH playback) 1080P: 120fps (Max 8CH playback), 720P: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	16–80 Mbps (hybrid)
Bandwidth Out	96 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

INTERFACE

Voice Command	Google Assistant, Amazon Alexa
Password Reset	Yes
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 (100/1000BASE-T)
USB Ports	1× USB 2.0 (front), 1× USB 3.0 (rear)
Audio	16 in / 1 out (4 in / 1 out optional)
eSata	1
HDD	2 × SATA HDD, up to 16TB per HDD
Rs 485	1
Alarm I/O	16 in / 1 out (optional)

GENERAL

OSD Languages	EN, FR, ES, DN, TC, IN, JP, KR
Dimensions	378×326×66 mm
Input Voltage	DC12V/2A (1 HDD) / DC12V/5A (2 HDD)
Power Consumption	7 W
Operating Temp / Humidity	-10°C to +50°C / < 90% RH

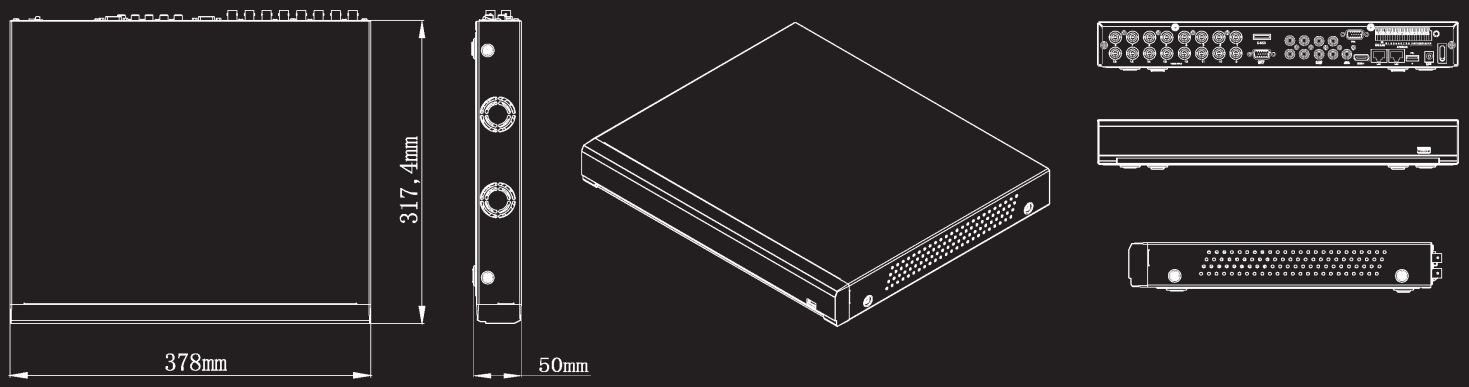
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DIMENSIONS



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



HDMI® HIGH-DEFINITION MULTIMEDIA INTERFACE

COMPATIBLE ACCESSORIES



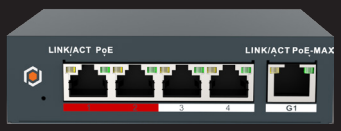
BALUNHDA+

VIDEO/POWER/AUDIO OVER CAT5

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



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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