



FENNEC SERIES

BY



MODEL #

GSD-DVRFNC5MP-32-N-AI

# 32 CHANNEL DIGITAL VIDEO RECORDER

Onvif® | GST



Built for high-density surveillance environments, the **GSD-DVRFNC5MP-32-N-AI** is a robust 32-channel AI DVR designed 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  
ResolutionAlarm  
16 In/ 1 Out4HDD  
slot up to 18TBSpot Monitor Out  
on BNCP2P Mobile  
ConnectionUp 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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A CANADIAN ENTERPRISE



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## LIVE

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

## PERFORMANCE

|                    |                                                                                                                                                                                    |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Compression        | Audio: G.711a<br>Video : H.264/H.265                                                                                                                                               |
| Display Resolution | Analog : 5MP-Lite (3.9MP): 15fps<br>4MP-Lite: 30 fps<br>1080P/720P/960H: 30fps<br>IP: 5MP/4MP/3MP1080P/720P                                                                        |
| Speed              | Analog : 5MP-Lite:15fps (each ch)<br>4MP-Lite:20fps(each ch)<br>1080P:15fps(each ch)<br>720P:PAL:25fps(each ch)/NTSC:30fps(each ch)<br>IP: PAL:25fps(each ch)/NTSC: 30fps(each ch) |
| Ai Features        | PID - Perimeter Intrusion Detection<br>LCD - Line Crossing Detection<br>PD&VD - Human&Vehicle Detection<br>FD - Face Detection<br>FR - Face Recognition                            |
| Event              | MD (Sensitivity Level 1~8)<br>VIDEO LOSS Beep, Email, Push notification to Mobile APP                                                                                              |
| Playback Function  | Fast forward / backward (2x, 4x, 8x,16x)<br>Slow forward (1/2x, 1/4x, 1/8x,1/16x)                                                                                                  |
| Playback           | 5MP-lite: 240fps (Max 16CH playback)<br>4MP-lite: 320fps (Max 16CH playback)<br>1080P: 480fps (Max 16CH playback)<br>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<br>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 (WDXH)                        | 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)<br>Humidity : Less than 90%RH                                                                                        |





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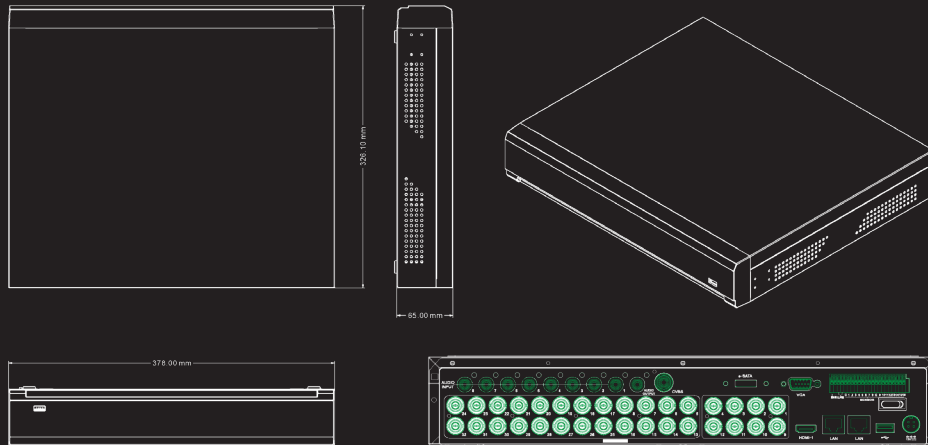
BY



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## DIMENSIONS



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



## COMPATIBLE ACCESSORIES



### BALUNHDA+

VIDEO/POWER/AUDIO OVER CAT5

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



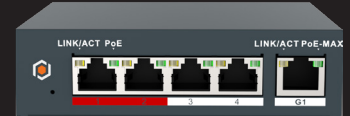
### BALUNHD

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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