

# 16 CHANNEL DIGITAL VIDEO RECORDER



TVI/CVI/AHD/ANALOG

## GSD-DVRFNC4K-16-N-AI

8MP RESOLUTION

4K HDMI RESOLUTION

SPOT MONITOR OUT ON BNC

ALARM 16 IN / 1 OUT

2HDD SLOTS UP TO 32TB

UP TO 24 IP CAMERAS

P2P MOBILE CONNECTION

ONVIF ENCODER

### AI FEATURES

HUMAN & VEHICLE DETECTION | PERIMETER INTRUSION DETECTION | FACE RECOGNITION | LINE CROSSING DETECTION | LICENSE PLATE DETECTION\* | QUEUE LENGTH DETECTION\* | STATIONARY OBJECT DETECTION\* | CROWD DENSITY DETECTION\* | RARE SOUND DETECTION\* | VIDEO TAMPERING\* | NOISE DETECTION\*

\*THESE AI FEATURES ONLY WORK WITH IP CAMERAS OR WITH ANALOG CAMERAS WITH 2MP OR MORE



# GSD-DVRFNC4K-16-N-AI



## 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

## LIVE

IP VIDEO INPUT	8ch (only IP up to 24ch)
COMPOSITE VIDEO INPUT	up to 24ch (Analog video + IP video)

## PERFORMANCE

INSTALLATION WIZARD	Yes
COMPRESSION	Audio : G.711a / Video : H.264/H.265
DISPLAY RESOLUTION	Analog : 8MP (15fps) / 5MP (20fps) 4MP/3MP/1080P/720P/960H (30fps) IP : 8MP/4MP/3MP/1080P/720P
SPEED	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) Sub-stream Max PAL: 704*576:10fps(each ch) / NTSC: 704*480:10fps(each ch)
EVENT	MD (Sensitivity Level 1-8) Videlo 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: 160fps (Max 16CH playback) 5MP: 240fps (Max 16CH playback) 4MP: 320fps (Max 16CH playback) 1080P: 480fps (Max 16CH playback)

## AI FEATURES

FACE DETECTION	PERIMETER INTRUSION DETECTION
HUMAN & VEHICLE DETECTION	LINE CROSSING DETECTION
AI MAX CAPTURED QUANTITY 200,000	CROWD DENSITY DETECTION*
AI REGISTERED QUANTITY 10,000	

## 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	SMARTGUARDIAN
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 16TB each HDD
RS485	1
ALARM INPUT/OUT	16 in /1 out

## GENERAL

OSD LANGUAGE	Multiple
DIMENSION (WXDXH)	378*340*50mm
INPUT VOLTAGE/CURRENT	2HDD:DC12V/5A
POWER CONSUMPTION (EXCLUDING HARD DISK)	≤20W
OPERATING TEMPERATURE/HUMIDITY	Temperature : 0°C--+40°C (32°F - 104°F) Humidity : Less than 90%RH

STATIONARY OBJECT DETECTION*	RARE SOUND DETECTION*
LICENSE PLATE DETECTION*	NOISE DETECTION*
QUEUE LENGTH DETECTION*	VIDEO TAMPERING*

\*THESE AI FEATURES ONLY WORK WITH IP CAMERAS, OR ANALOG CAMERAS WITH 2MP OR MORE

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## COMPATIBLE ACCESSORIES



### BALUNTHDA+

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

BALUN 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

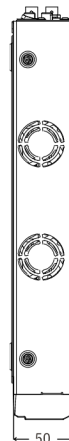
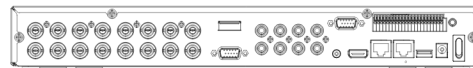
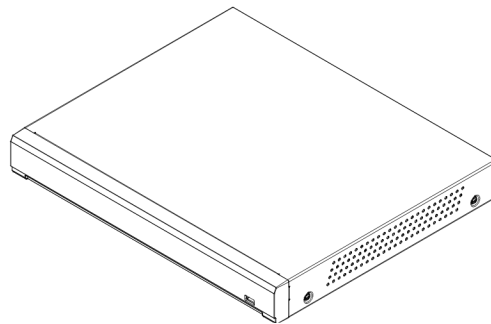
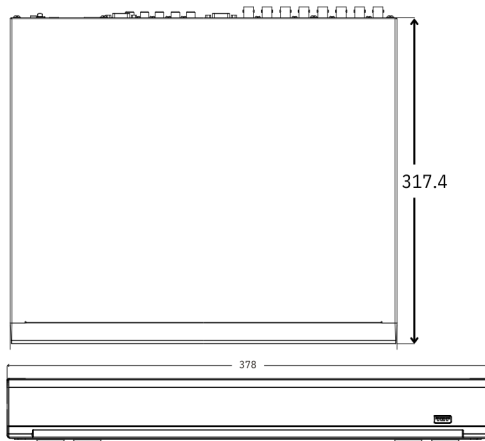


**WD PURPLE PRO**  
 UP TO 8TB HARD DRIVE



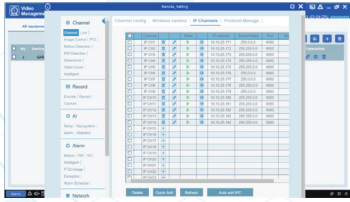
**WD PURPLE PRO**  
 UP TO 4TB HARD DRIVE

## DIMENSIONS

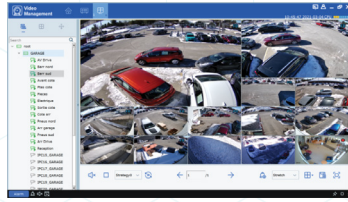


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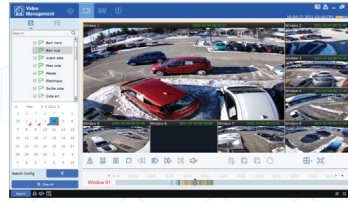
## OUR VIDEO MANAGEMENT SOFTWARE



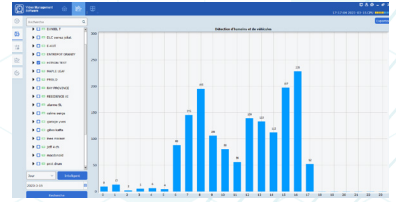
**REMOTE CONFIGURATION**



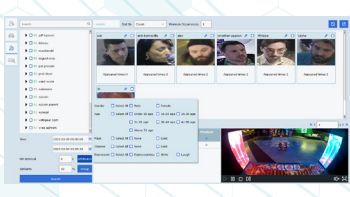
**LIVE VIEW**



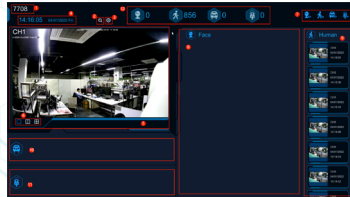
**EASY REMOTE PLAYBACK**



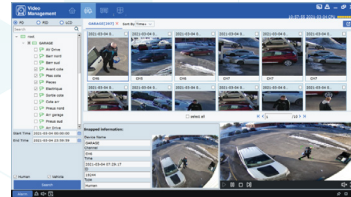
**STATISTICS VIEWER**



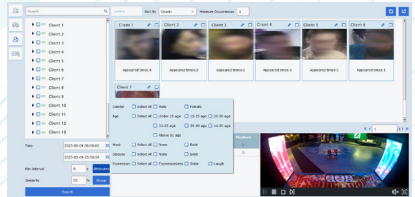
**E-MAPPING**



**SCENE REPORTS**



**SAVE TIME SEARCH WITH A.I.**



**RECURRING VISITOR TRACKER**

## SMART GUARDIAN APP

SCAN AND CONNECT!

EACH OF OUR DEVICES INCLUDES A QR CODE THAT YOU CAN SCAN AND INSTANTLY ACCESS YOUR DEVICES



**LIVE VIEW**  
**FAVOURITES**  
**SEARCH UP TO 16 CAMS**  
**AI SEARCH**  
**PUSH NOTIFICATIONS**



**2 WAY AUDIO**  
**ALARM**  
**RECORD ON MOBILE**  
**SAVE & SHARE**  
**REMOTE CONFIGURATION**