



16 CHANNEL DIGITAL VIDEO RECORDER



VIDEO INPUT: TVI/CVI/AHD/ANALOG

GSD-DVRFNC5MP-16-N-AI

5MP RESOLUTION LITE

4K HDMI RESOLUTION

SPOT MONITOR OUT ON BNC

ALARM 16 IN / 1 OUT

2HDD SLOTS UP TO 16TB

UP TO 4 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-DVRFNC5MP-16-N-AI



RECORDING BANDWIDTH	
INPUTS	16Mbps ~80Mbps Analog channel and digital channel can be converted Encoding performance and decoding performance cannot be converted Total decoding performance 1080P 120fps
OUT	96Mbps
ANALOG-VIDEO-INPUT	16CH inputs

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.264/H.265
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
SPEED	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) Sub-stream Max PAL: 704*576:10fps(each ch)/ NTSC: 704*480:10fps(each ch) The sub-stream frame rate is less than the preview frame H.264 performance is about 20% lower than H.265
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	5MPlite: 96fps (Max 8CH playback), 4MPlite: 128fps, (Max 8CH playback) 1080P: 120fps (Max 8CH playback), 720P:240fps (Max 8CH playback)

AI FEATURES	
PERIMETER INTRUSION DETECTION	STATIONARY OBJECT DETECTION*
FACE DETECTION	LINE CROSSING DETECTION
HUMAN & VEHICLE DETECTION	CROWD DENSITY DETECTION*
AI MAX CAPTURED QUANTITY 200,000	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	SMART GUARDIAN
PUSH NOTIFICATIONS	YES

INTERFACE	
VOICE COMMAND	Home Device : Google Assistant, Amazon Alexa
P/W 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 100/1000 Base-T
USB	USB2.0*1 (front) USB3.0*1+ (rear)
AUDIO	16 in / 1 out (4 in /1 out optional)
E-SATA	1
HDD	2 SATA HDD, up to 16TB
RS485	1
ALARM INPUT/OUT	16 in /1 out optional

GENERAL	
OSD LANGUAGE	Multiple Languages : EN/FR/ES/DN/TC/IN/JP/KR
DIMENSION (WXDXH)	378*326*66mm
INPUT VOLTAGE/CURRENT	1HDD:DC12V/2A 2HDD:DC12V/5A
POWER CONSUMPTION (EXCLUDING HARD DISK)	TBD
OPERATING TEMPERATURE/HUMIDITY	Temperature : -10°C~+50°C (14°F - 122°F) Humidity : Less than 90%RH

RARE SOUND 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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WWW.GSDGROUP.CA



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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



BALUNHDD

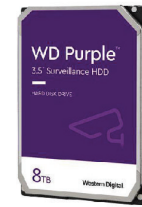
BALUN OVER TWISTED PAIR

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

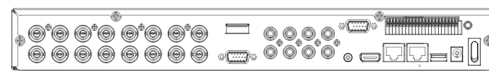
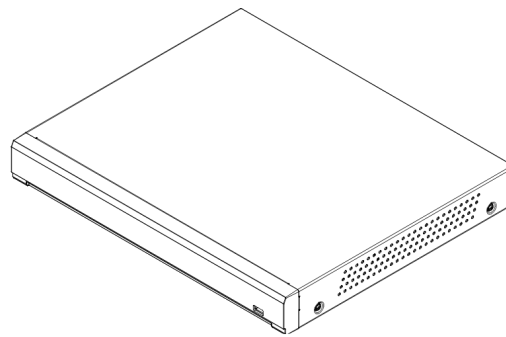
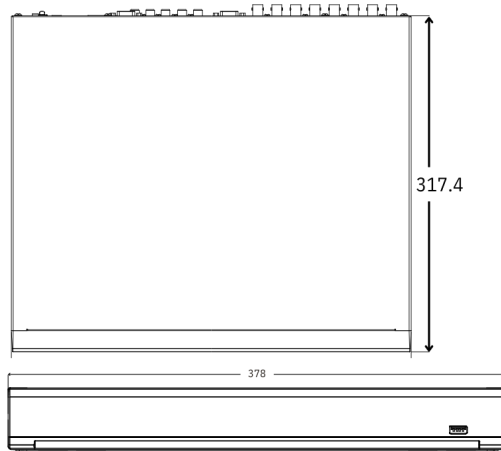
UP TO 8TB HARD DRIVE



WD PURPLE PRO

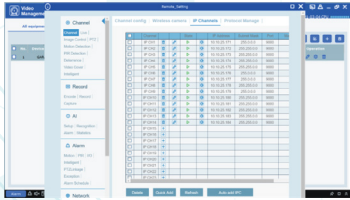
UP TO 4TB HARD DRIVE

DIMENSIONS

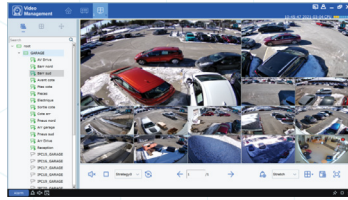


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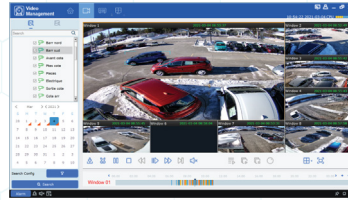
OUR VIDEO MANAGEMENT SOFTWARE



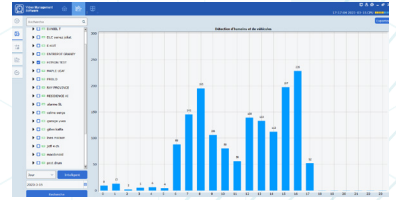
REMOTE CONFIGURATION



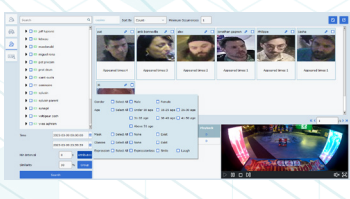
LIVE VIEW



EASY REMOTE PLAYBACK



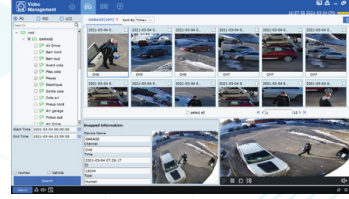
STATISTICS VIEWER



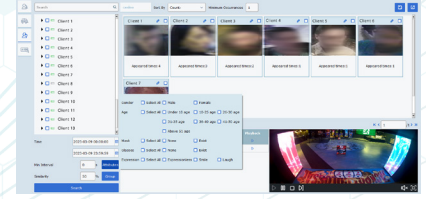
E-MAPPING



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