256 CHANNEL
NETWORK
VIDEO RECORDER

GSD GROUP

AI · **Onvif GMST** · **NDAA Compliant**

GSD-NVRFNC4K-256-NP

UP TO 12MP	AUDIO OUTPUT
16HDD SLOTS UP TO 16TB	3 HDMI SPOT MONITORS
4X 4K HDMI OUTPUT	UP TO 256 IP CAMERAS
ALARM 16 IN / 4 OUT	RACKMOUNT COMPATIBLE

AI FEATURES

HUMAN & VEHICLE DETECTION	INTRUSION DETECTION	STATIONARY OBJECT DETECTION
PERIMETER INTRUSION DETECTION	REGION ENTRANCE & EXITING	CROWD DENSITY DETECTION
LINE CROSSING DETECTION	QUEUE LENGTH DETECTION	HEAT MAP
LICENSE PLATE DETECTION	CROSS COUNTING	NOISE DETECTION
FACE DETECTION	RARE SOUND DETECTION	VIDEO TAMPERING

GSD-NVRFNC4K-256-NP

RECORDING BANDWIDTH

INPUTS	8MP,5MP, 3MP ,2MP(1080P),1.3MP(960P),1.0MP(720P)
INPUT	1024M
OUT	1024M

LIVE / PLAYBACK

COMPRESSION	Audio: G.711a Video : H.264/H.265/H.264+/H.265+
FRAME RATE	4K:240fps 4MP:480fps 2MP:960fps
EVENT	MD (Sensitivity Level 1~8) Videlo 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)
LIVE/PLAYBACK PERFORMANCE	Max 16CH playback

AI FEATURES

HUMAN & VEHICLE DETECTION	RARE SOUND DETECTION
PERIMETER INTRUSION DETECTION	STATIONARY OBJECT DETECTION
LINE CROSSING DETECTION	CROWD DENSITY DETECTION
LICENSE PLATE DETECTION	HEAT MAP
FACE DETECTION	NOISE DETECTION
INTRUSION DETECTION	VIDEO TAMPERING
REGION ENTRANCE & EXITING	AI REGISTERED QUANTITY 10,000
QUEUE LENGTH DETECTION	AI MAX CAPTURED QUANTITY 200,000
CROSS COUNTING	INSTANT NOTIFICATIONS

UI /MONITORING

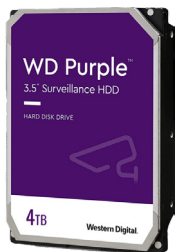|	
LOCAL	UI5.0
WEB	IE10/11. Safari V12.1 above, Firefox V.52 above Google chrome V.57 above, Edge V.79 above
MOBILE VIEWER	SMART GUARDIAN
PUSH NOTIFICATIONS	YES

INTERFACE

P/W RESET	Factory Reset : Press 3 seconds
HDMI	3 (1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080 , 2560*1440, 3840*2160/EDID) 1 (1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080 /EDID) Async out
ETHERNET	2 RJ45 1000 Base-T
USB	USB2.0*1(front) USB3.0*2(rear)
AUDIO OUT	1
E-SATA	1
HDD	16 SATA HDD, up to 16TB each HDD
HOT SWAPPABLE HDD	YES
RAID TYPE	RAID0, RAID1, RAID4, RAID5, RAID6 and RAID10
LINE IN	1
RS232	1*RJ45
RS485	1
ALARM INPUT/OUT	16in /4out

GENERAL

OSD LANGUAGE	Multiple Languages : EN/FR/ES/DN/TC/IN/JP/KR
DIMENSION (WXDXH)	440*460*189mm
INPUT VOLTAGE/CURRENT	AC 110~240V ATX 250W
POWER CONSUMPTION (EXCLUDING HARD DISK)	30-44WATT
OPERATING TEMPERATURE/HUMIDITY	Temperature : 0°C~+40°C (32°F ~ 104°F) Humidity : Less than 90%RH

COMPATIBLE ACCESSORIES

WD-HDDPURPLE-4T
UP TO 4TB HARD DRIVE

WD-HDDPURPLE-6T
UP TO 6TB HARD DRIVE
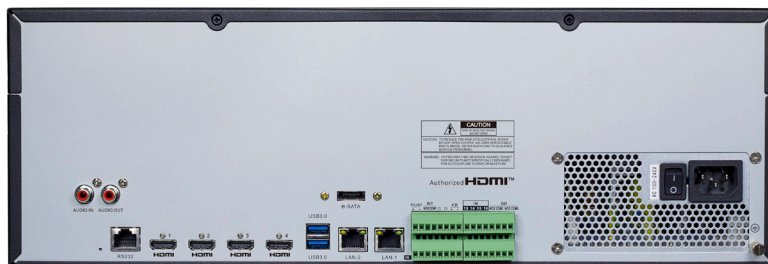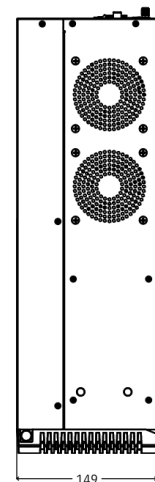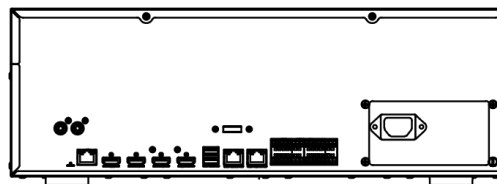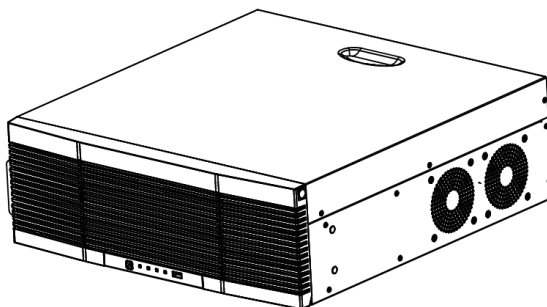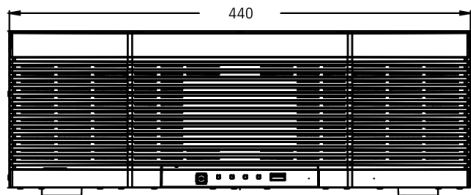
WD-HDDPURPLE-12T
UP TO 12TB PRO HARD DRIVE

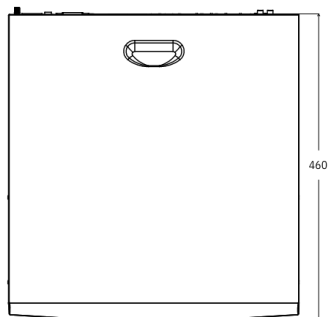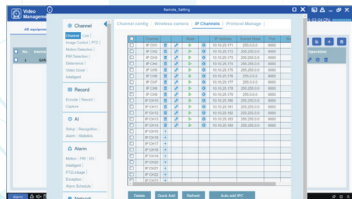**WD-HDDGOLD-8T**
UP TO 8TB HARD DRIVE
ENTERPRISE CLASS

WD-HDDGOLD-12T
UP TO 12TB HARD DRIVE
ENTERPRISE CLASS

DIMENSIONS

460

440

149

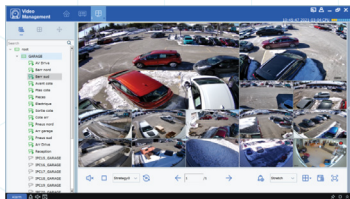**G.S.D GROUP**
The alternative solution
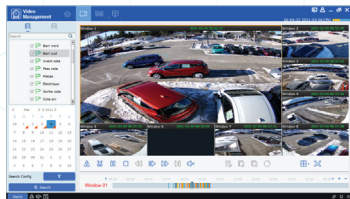
WWW.GSDGROUP.CA

SALES@GSDGROUP.CA
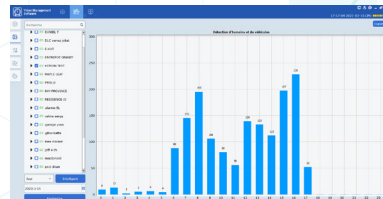
alexa

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Compliant

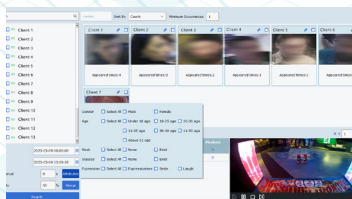# OUR VIDEO MANAGEMENT SOFTWARE
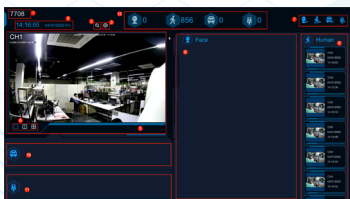
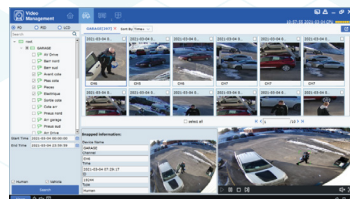**REMOTE CONFIGURATION**

LIVE VIEW

EASY REMOTE PLAYBACK

STATISTICS VIEWER

RECURRING VISITOR TRACKER

AI ATTENDANCE REPORTS

SAVE TIME SEARCH WITH A.I

E-MAPPING

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

G.S.D GROUP
The alternative solution

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