

Type: Standalone NVR - IP - Recorder

Item Code: GD-RN-DT8864N

EAN CODE: 4260573064922

PREMIUM

The PREMIUM product line offers versatile solutions with unique and unparalleled features.

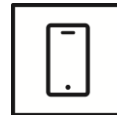
Highlights

H.265+



H.265pro+ utilizes the standard H.265/High Efficiency Video Coding (HEVC) format, but boasts advanced technologies that enable it to substantially reduce the necessary transmission bandwidth and storage capacity for maximum efficiency.

Smartphone App



The mobile application was developed to facilitate operators in effectively controlling and managing video systems remotely, at any time. It allows for live image viewing, playback of recorded video data, and receipt of remote notifications.

Features

- Hot Spare Mode - working as Failover Server for another NVR
- Supports a maximum of 32 MP recording resolution
- RAID configuration
- Video recording with NAS System and Local HDD
- Supports fisheye camera expansion mode
- 8K video display on main HDMI
- Multiplex (Live/Playback, Recording, Backup, Networking)
- Redundant AC Power Supply included

Specifications GD-RN-DT8864N

Video	
IP Inputs:	64 channels
Recording / Playback	
Recording Bandwidth:	400 Mbps
Outgoing Bandwidth:	400 Mbps
Recording Resolution:	32 MP, 24 MP, 12 MP, 8 MP, 7 MP, 6 MP, 5 MP, 4 MP, 3 MP, 1080P, UXGA, 720P, VGA, 4CIF, DCIF, 2CIF, CIF, QCIF
Recording Mode:	Continuous, Event Alarm, Motion, Video Loss, Schedule
Search Mode:	Date, Time, Event Alarm, Motion, Search Backup
Playback:	Synchronised playback of max. 16 cameras
Frame Rate(R):	2-ch @ 32 MP (30 fps) + 2-ch @ 8 MP (30 fps), 10-ch @ 8 MP (30 fps) , 20-ch @ 4MP (30 fps) , 40-ch @ 1080p (30 fps)
Audio	
Audio Compression:	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC
General	
External Backup:	USB HDD, USB Memory, USB DVD-R, Network
Max. Storage Capacity:	Up to 16 TB capacity for each HDD, hot swappable
PTZ Control:	Pan, Tilt, Zoom, Preset set and call
Basic Internal Storage:	No
Network	
Video Compression:	H.264, H.264+, H.265, H.265+
Network Protocol:	TCP/IP, IPv4/IPv6, DHCP, DNS, DDNS, RTSP, SMTP, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, SNMP, ISUP
Cyber Security:	3 levels of user management: admin, operator, user, AES Encryption for Password Protection, Complicated Password, HTTPS (SSL) Login Authentication, Basic and digest authentication for HTTP/HTTPS, 802.1X authentication , (EAP-LEAP), 802.1X authentication (EAP-TLS), Host authentication (MAC address), IP Address Filter, WSSE and digest authentication for ONVIF, RTP/RTSP over HTTPS, Control timeout settings, Security audit log, SNMP V2 , SNMP V3, TLS 1.1, TLS 1.2, TLS 1.2 with updated cipher suites including AES 256 encryption. Centralized Certificate Management, Brute Force Delay Protection, Signed Firmware, Secure Boot by software check, Secure Boot by hardware check
RAID:	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10
Remote Connections:	128
Streaming Method:	Unicast, Multicast
I/O Interface	
Video Outputs:	1x CVBS (1 Vcc) BNC
HDMI Output:	HDMI1: 8K (7680 x 4320)/30Hz, 4K (3840 x 2160)/60Hz, 4K (3840 x 2160)/30Hz, 2K (2560 x 1440)/60Hz, 1920 x 1080/60Hz, 1600 x 1200/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, 1024 x 768/60Hz HDMI2: 4K (3840 x 2160)/60Hz, 4K (3840 x 2160)/30Hz, 2K (2560 x 1440)/60Hz, 1920 x 1080p/60Hz, 1600 x 1200/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, 1024 x 768/60Hz
VGA Output:	VGA 1: 1920 x 1080/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, 1024 x 768/60Hz VGA 2: 1920 x 1080/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, 1024 x 768/60Hz
Audio Inputs:	1-ch, RCA (2.0 Vp-p, 1kΩ)
Audio Outputs:	2-ch, RCA (2.0Vp-p, 1kΩ)
Alarm Inputs:	16 contact input N/O or N/C

I/O Interface

Alarm Outputs:	9
Harddisk bay:	8 x SATA III
Network Interface:	2x 10, 100, 1000 Base T, TX (RJ-45)
Serial Interface(s):	Front panel: 2 x USB 2.0, Rear panel: 2 x USB 3.0, 1 x RS-485, 1x RS232

Intelligent Functions

Motion Detection:	On, Off, Area Setting
Event Source:	Motion, Alarm, Video Loss, System
Event Action:	Pop-Up, Relay, E-Mail, FTP, Network, Buzzer, PTZ Preset

Approvals

Regulation:	CE, FCC, RoHS Compliant
Standard:	ONVIF (Profile S, Profile G, Profile T), SDK/API

Environmental

Operating Temperature:	-10°C ~ +55°C (+14°F ~ + 131°F)
Humidity:	Less than 90%, non condensing

Electrical

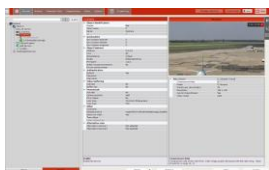
Supply Voltage:	2 x 100 ~ 240 VAC, 50Hz / 60Hz redundant power supply
Power Consumption:	≤ 50 W without harddisk

Mechanical

Chassis:	19-inch rack-mounted, 2U
Dimensions:	440 x 460 x 89 mm (17.3 x 18.11 x 3.5 inch)
Weight:	10000 g (22 lb)

Packaging

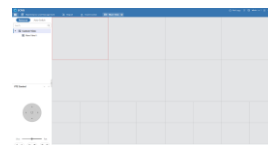
Package Dimensions:	710 x 585 x 245 mm (28.0 x 23.0 x 9.7 inch)
Package Weight:	14700 g (32.4 lbs)
Packaging Unit:	2
Bulk Package Dimensions:	645 x 590 x 460 mm (25,4 x 23,2 x 18,1 inch)
Bulk Package Weight:	29900 g (65.9 lbs)

Accessories

GD-CW-VIEWER



GD-CW-FINDER



GD-SW-SCMS



GD-HW-HDD-2TB



GD-HW-HDD-4TB



GD-HW-HDD-6TB



GD-HW-HDD-8TB



GD-HW-HDD-10TB



GD-HW-HDD-12TB



GD-HW-HDD-14TB



GD-KB-AP1420P



GD-KB-AT2430P