

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.

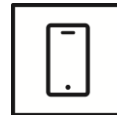
Highlights

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: 1920x1080/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz  
VGA 2: 1920x1080/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz

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
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-HW-HDD-14TB



GD-HW-HDD-10TB



GD-HW-HDD-12TB



GD-KB-AP1420P



GD-KB-AT2430P

