



Type: Standalone NVR - IP - Recorder

Item Code: GD-RN-AC2004P

EAN CODE: 4260573060344

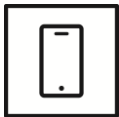


ESSENTIAL

Our ESSENTIAL product line is designed to deliver high-quality performance, with basic features and impressive functions, making it perfect for smaller applications.

Highlights

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.

Essential Line

Many small to medium-sized systems are capable of operating without any specific requirements. Simply storing video sequences is often sufficient in the event of an incident, allowing for the course of events to be determined through recorded footage. GRUNDIG Security provides a comprehensive range of standard applications to meet these needs, including cameras that capture high-resolution images regardless of lighting conditions and recorders capable of storing video sequences for weeks or months, although privacy concerns may prevent this practice. The "Essential" product line offers high image quality, making it ideal for meeting basic requirements.

Features

- ONVIF protocol support
- Multiplex (Live/Playback, Recording, Backup, Networking)
- Controlled locally by USB mouse or remotely through Ethernet connection with CMS, Web page and mobile Apps
- Video, Image and Audio Recording
- Built in PoE Switch for direct IP camera connection
- Various recording features (Normal, schedule, motion, alarm)
- Recorded files backup via USB device
- SDK for Windows and Linux system

Specifications GD-RN-AC2004P

Video

IP Inputs: 4 channels

Recording / Playback

Recording Bandwidth: max. 40 Mbps

Outgoing Bandwidth: 640 Mbit/s

Recording Resolution: 8MP, 6MP, 5MP, 4MP, 3MP, 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. 4 cameras

Frame Rate(R): 2-ch @ 4 MP (30fps)

Audio

Audio Compression: G.711

General

External Backup: USB HDD, USB Memory, DVD-R, Network

Max. Storage Capacity: Up to 8 TB capacity for each HDD

PTZ Control: Pan, Tilt, Zoom, Preset set and call

Basic Internal Storage: No

Accessories included: SATA Cable, Cat Cable, screws for harddisc, Mouse, Remote control (optional)

Network

Video Compression: H.264, H.264+, H.265

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

Remote Connections: 128

Streaming Method: Unicast, Multicast

I/O Interface

HDMI Output: 4K (3840 x 2160)/30Hz, 1920 x 1080/60Hz, 1600 x 1200/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, 1024 x 768/60Hz

VGA Output: 1920 x 1080/60Hz, 1600 x 1200/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, 1024 x 768/60Hz

Audio Input/Output: 1-ch audio input and 1-ch audio output

Harddisk bay: 1 x SATA III

Network Interface: 1x 10, 100, 1000 Base T, TX (RJ-45)

Power over Ethernet: 4 independent 10, 100 Mbps PoE Ethernet interfaces

ISO Standard: PoE IEEE 802.3 af, at

PoE Budget: 40 W

Serial Interface(s): Front panel: 1 x USB 2.0 Rear panel: 1 x USB 2.0

Intelligent Functions

Motion Detection: On, Off, Area Setting

Event Source: Motion, Alarm, Video Loss, System

Intelligent Functions

Event Action:	Pop-Up, Relay, E-Mail, FTP, Network, Buzzer, PTZ Preset
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Approvals

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

Environmental

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

Electrical

Supply Voltage:	48 VDC, Power Adapter 100 ~ 240 VAC 50, 60Hz included
Power Consumption:	≤ 64 W with PoE 10 W without PoE

Mechanical

Chassis:	320 mm
Dimensions:	315 × 238 × 49 mm (12.4 × 9.4 × 1.9 inch)
Weight:	1000 g (2.2 lb)

Packaging

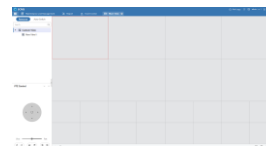
Package Dimensions:	485 x 290 x 85 mm (19.1 x 11.4 x 3.3 inch)
Package Weight:	2400 g (5.3 lbs)
Packaging Unit:	8
Bulk Package Dimensions:	723 x 503 x 313 mm (28.5 x 19.8 x 12.3 inch)
Bulk Package Weight:	19700 g (43.4 lbs)

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