

16 Channel Video Recorder

GD-RN-AC2416N

GRUNDIG



Type: Standalone NVR - IP - Recorder

Item Code: GD-RN-AC2416N

EAN CODE: 4260573060351

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
- Various recording features (Normal, schedule, motion, alarm)
- Controlled locally by USB mouse or remotely through Ethernet connection with CMS, Web page and mobile Apps
- SDK for Windows and Linux system
- Multiplex (Live/Playback, Recording, Backup, Networking)
- Video recording with NAS System and Local HDD
- Recorded files backup via USB device

Specifications GD-RN-AC2416N

| | |
|------------------------------|---|
| Video | |
| IP Inputs: | 16 channels |
| Recording / Playback | |
| Recording Bandwidth: | 160 Mbps |
| Outgoing Bandwidth: | max. 160 Mbps |
| Recording Resolution: | 8MP, 6MP, 5MP, 4MP, 3MP, 1080p, UXGA, 720p, VGA, 4CIF, DCIF, 2CIF, CIF, QCIF |
| Recording Mode: | Continuous, Event Alarm, Motion, Schedule |
| Search Mode: | Date, Time, Event Alarm, Motion, Search Backup |
| Playback: | Synchronised playback of max. 16 cameras |
| Frame Rate(R): | 2-ch @ 4K, or 8-ch @ 1080p |
| 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, H.265+ , MPEG4 |
| 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, Host authentication (MAC address), WSSE and digest authentication for ONVIF, Security audit log, SNMP V2 , TLS 1.1, TLS 1.2, TLS 1.2 with updated cipher suites including AES 256 encryption. 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 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz |
| VGA Output: | 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz |
| Audio Input/Output: | 1-ch audio input and 1-ch audio output |
| Alarm Inputs: | 4 contact input N/O or N/C |
| Alarm Outputs: | 1 |
| Harddisk bay: | 2 x SATA |
| Network Interface: | 1x 10, 100, 1000 Base T, TX (RJ-45) |
| Serial Interface(s): | Front panel: 1 × USB 2.0, Rear panel: 1 × USB 3.0 |
| 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 |

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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: | 12 VDC, Power Adapter 100 ~ 240 VAC 50, 60Hz included |
| Power Consumption: | ≤ 40 W without harddisk |

Mechanical

| | |
|-------------|---|
| Chassis: | 385 mm |
| Dimensions: | 380 × 313× 52 mm (15.2 x 12.4 2.0 inch) |
| Weight: | 1000 g (2.2 lb) |

Packaging

| | |
|--------------------------|--|
| Package Dimensions: | 435 x 129 x 387 mm (17.1 x 5.1 x 15.2 inch) |
| Package Weight: | 2800 g (6.2 lbs) |
| Packaging Unit: | 4 |
| Bulk Package Dimensions: | 548 x 450 x 412 mm (21.6 x 17.7 x 16.2 inch) |
| Bulk Package Weight: | 11700 g (25.8 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

Dimensions

