

GD-RN-AC2416N

16-Channel Network Video Recorder



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

ESSENTIAL

- Product Line ESSENTIAL: high quality, basic features and remarkably many functions for smaller applications

Item Code: GD-RN-AC2416N

EAN CODE: 4260573060351

Specifications GD-RN-AC2416N

Video	
IP Inputs:	16 channels
Recording / Playback	
Recording Bandwidth:	160Mbps
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 8TB 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

Item Code: GD-RN-AC2416N

EAN CODE: 4260573060351

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, 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)

Dimensions: