GRUNDIG

GD-RN-AC2416P
16-Channel Network Video Recorder 16 Ch PoE Switch

● ONVIF protocol support

● Built in PoE Switch for direct IP camera connection

● Multiplex (Live/Playback, Recording, Backup, Networking)

● Various recording features (Normal, schedule, motion, alarm)

● Controlled locally by USB mouse or remotely through Ethernet connection with CMS, Web page and Smartphone

● Video recording with NAS System and Local HDD

● 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-AC2416P

EAN CODE: 4260573060368

Specifications GD-RN-AC2416P

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, Video Loss, 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 6TB capacity for each HDD
Accessories included:	SATA Cable, Cat Cable, screws for harddisc, Mouse, Remote control (optional)
Basic Internal Storage:	No
PoE Budget:	200 W
PTZ Control:	Pan, Tilt, Zoom, Camera OSD, Preset set, call

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
Harddisk bay:	2 x SATA
Alarm Inputs:	4 contact input N/ O or N/ C
Alarm Outputs:	1
Network Interface:	1x 10, 100, 1000 Base T, TX (RJ-45)
Audio Input/Output:	1-ch audio input and 1-ch audio output
Serial Interface(s):	Front panel: 1 × USB 2.0, Rear panel: 1 × USB 3.0
VGA Output:	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz

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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	
ONVIF compliant:	Profile S, Profile G
Regulation:	CE, EAC, FCC, RoHS Compliant
Supported ISO Standard:	PoE IEEE 802.3 af, at
Environmental	
Operating Temperature:	-10 °C ~ +55 °C (+14 °F ~ + 131 °F)
Humidity:	Less than 90%, non condensing
Electrical	
Power over Ethernet:	16 independent 10, 100 Mbps PoE Ethernet interfaces
Supply Voltage:	100 ~ 240 VAC, 50Hz / 60Hz
Power Consumption:	≤ 280 W ≤ 15 W without hard disk , PoE
Mechanical	
Chassis:	385 mm
Dimensions:	380 × 313× 52 mm (15.2 x 12.4 2.0 inch)
Weight:	3000 g (6.6 lb)

Dimensions:

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