

## GD-RN-AC2004P

4-Channel Network Video Recorder 4 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
- Recorded files backup via USB device
- Video, Image and Audio Recording
- 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-AC2004P

EAN CODE: 4260573060344

## Specifications GD-RN-AC2004P

<b>Video</b>	
IP Inputs:	4
<b>Recording / Playback</b>	
Recording Bandwidth:	max. 40 Mbps
Outgoing Bandwidth:	max. 80 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. 4 cameras
Frame Rate(R):	2-ch @ 4 MP (30fps)
<b>Audio</b>	
Audio Compression:	G.711
<b>General</b>	
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:	40 W
PTZ Control:	Pan, Tilt, Zoom, Camera OSD, Preset set, call
<b>Network</b>	
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 Adress 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
<b>I/O Interface</b>	
HDMI Output:	4K (3840x2160)/ 30Hz, 1920x1080/ 60Hz, 1600x1200/ 60Hz, 1280x1024/ 60Hz, 1280x720/ 60Hz, 1024x768/ 60Hz
Harddisk bay:	1 x SATA III
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 x USB 2.0 Rear panel: 1 x USB 2.0
VGA Output:	1920x1080/60Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/ 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:	4 independent 10, 100 Mbps PoE Ethernet interfaces
Supply Voltage:	48 VDC, Power Adapter 100 ~ 240 VAC 50, 60Hz included
Power Consumption:	≤ 64 W with PoE 10 W without PoE

## Mechanical

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