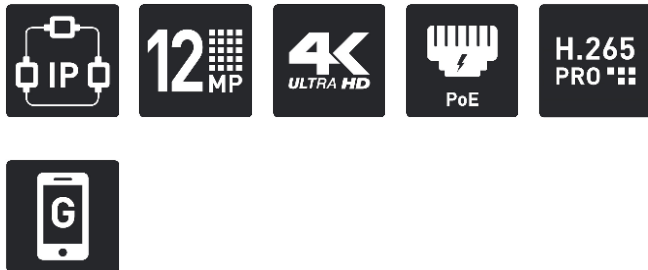


## GD-RN-AP8616P

16-Channel Network Video Recorder 16 Ch PoE Switch



- Supports fisheye camera expansion mode
- Supports a maximum of 12 MP recording resolution
- 4K video display on main HDMI
- Built in PoE Switch for direct IP camera connection
- Multiplex (Live/Playback, Recording, Backup, Networking)
- 19" mountable
- Video recording with NAS System and Local HDD
- ONVIF protocol support

### PROFESSIONAL

- Product Line Professional: These products cover most applications of modern video systems

Item Code: GD-RN-AP8616P

EAN CODE: 4260573060375

## Specifications GD-RN-AP8616P

<b>Video</b>	
IP Inputs:	16 channels
<b>Recording / Playback</b>	
Recording Bandwidth:	160Mbps
Outgoing Bandwidth:	256Mbps
Recording Resolution:	12 MP, 8 MP, 6 MP, 5 MP, 4 MP, 3 MP, 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
Playback Resolution:	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080p, UXGA, 720p, VGA, 4CIF, DCIF, 2CIF, CIF, QCIF
Frame Rate(R):	2-ch @ 12 MP (20fps) , 4-ch @ 8 MP (25fps) , 8-ch @ 4MP (30fps) , 16-ch @ 1080p (30fps)
<b>Audio</b>	
Audio Compression:	G.711
<b>General</b>	
External Backup:	USB HDD, USB Memory, USB DVD-R, Network
Max. Storage Capacity:	Up to 10TB capacity for each HDD
Basic Internal Storage:	No
PoE Budget:	200 W
PTZ Control:	Pan, Tilt, Zoom, Camera OSD, Preset set, call
<b>Network</b>	
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, 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 (3840*2160) , 60Hz, 4K (3840*2160) , 30Hz, 1920*1080P, 60Hz, 1600*1200, 60Hz, 1280*1024, 60Hz, 1280*720, 60Hz, 1024*768, 60Hz
Audio Inputs:	1-ch, RCA (2.0 Vp-p, 1kΩ)
Audio Outputs:	1-ch, RCA (2.0Vp-p, 1KΩ)
Harddisk bay:	4 x SATA III, 1 x eSATA
Alarm Inputs:	16 contact input N/ O or N/ C
Alarm Outputs:	4

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## I/O Interface

Network Interface:	1x 10, 100, 1000 Base T, TX (RJ-45)
Serial Interface(s):	Front panel: 2 x USB 2.0, Rear panel: 1 x USB 3.0, 1 x RS-485, 1x RS-232
VGA Output:	1920 x 1080/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, 1024 x 768/60Hz

## Intelligent Functions

Motion Detection:	On, Off, Area Setting
Event Action:	Pop-Up, Relay, E-Mail, FTP, Network, Buzzer, PTZ Preset
Event Source:	Motion, Alarm, Video Loss, System

## 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

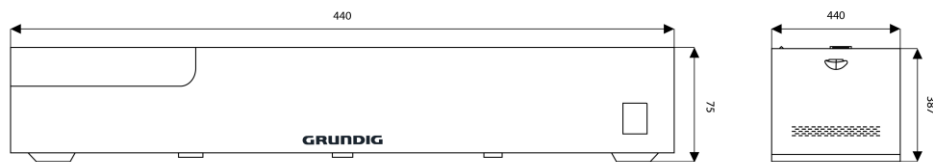
## Electrical

Power over Ethernet:	16 independent 10, 100 Mbps PoE Ethernet interfaces
Supply Voltage:	100 ~ 240 VAC, 50Hz / 60Hz
Power Consumption:	≤ 300 W ≤ 20 W without hard disk , PoE

## Mechanical

Chassis:	19-inch rack-mounted, 1.5U
Dimensions:	440 x 387 x 75 mm (17.3 x 15.24 x 3 inch)
Weight:	5200 g (11.5 lb)

## Dimensions:



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