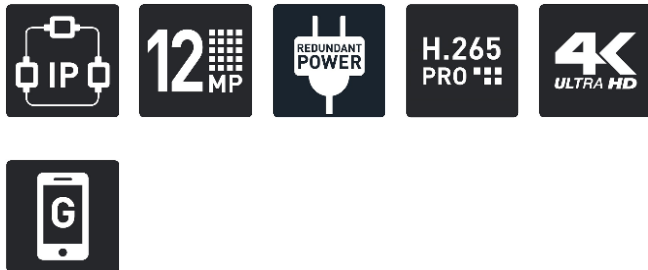


GD-RN-AT81964N

64-Channel Network Video Recorder



- ONVIF protocol support
- 4K video display on HDMI
- Intelligent Video Analytics Function
- Supports fisheye camera expansion mode
- Local user interface on 2 video outputs, with independent multivision
- RAID configuration
- Hot Spare Mode - working as Failover Server for another GRN
- Video recording with NAS System and Local HDD
- eSATA interface: add external Hard drive to increase record capacity
- Redundant power inputs

PREMIUM

- Product Line PREMIUM: For comprehensive solutions with special and unique features

Item Code: GD-RN-AT81964N

EAN CODE:

Specifications GD-RN-AT81964N

Video	
IP Inputs:	64 channels
Recording / Playback	
Recording Bandwidth:	512 Mbps
Outgoing Bandwidth:	512 Mbps (400 Mbps with RAID)
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, 7MP, 6MP, 5MP, 4MP, 3MP, 1080p, UXGA, 720p, VGA, 4CIF, DCIF, 2CIF, CIF, QCIF
Frame Rate(R):	20ch @ 1080P
Audio	
Audio Compression:	G.711
General	
External Backup:	USB HDD, USB Memory, USB DVD-R, Network
Max. Storage Capacity:	Up to 10TB capacity for each HDD
Disk Array type:	HDD hot swap with RAID0, 1, 5, 6, 10 storage (8 Arrays)
Basic Internal Storage:	No
External Storage:	1 eSATA interface, 2 miniSAS interface
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), IP Adress Filter, WSSE and digest authentication for ONVIF, Control timeout settings, 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:	Two independent HDMI outputs of 4K resolution. Resolution: 4K (4096 × 2160), 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz
Audio Inputs:	1-ch, RCA (2.0 Vp-p, 1kΩ)
Audio Outputs:	1-ch, RCA (2.0Vp-p, 1KΩ)
Harddisk bay:	16 x SATA III
Alarm Inputs:	16 contact input N/ O or N/ C
Alarm Outputs:	8

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I/O Interface

Network Interface:	4 RJ-45 10, 100, 1000Mbps self-adaptive Ethernet interface
Serial Interface(s):	Front panel: 2 × USB 2.0, Rear panel: 2 × USB 3.0, 1 × RS-485, 1x RS-232
Optical Interface(s):	4x 1000 Mbps optional optic fiber interfaces
VGA Output:	1920×1080/60Hz, 1600×1200/60Hz, 1280×1024/60Hz, 1280×720/60Hz, 1024×768/ 60Hz

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

Environmental

Operating Temperature:	0 °C ~ +55 °C
Humidity:	Less than 90%, non condensing

Electrical

Supply Voltage:	100 ~ 240 VAC, 50Hz / 60Hz
Power Consumption:	≤ 500 W ≤ 140 W without hard disk , PoE

Mechanical

Chassis:	19-inch rack-mounted, 3U
Dimensions:	442 × 465 x 92 mm (17.4 × 18.3 x 3.6 inch)
Weight:	16000 g (35.3lb)

Accessories:



GD-KB-AP0110M

Dimensions:

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® Abetechs GmbH (Grundig Security), Düsseldorf, Germany

grundig-security.com