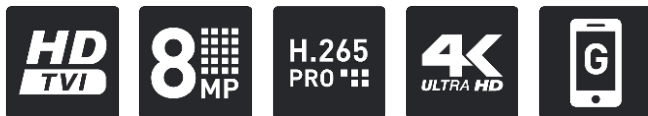


GD-RT-AT5016N

16-Channel HD-TVI / IP / Analog Video Recorder



- Up to 18 IP cameras
- Accepts either HD-TVI, CVI, AHD, IP or analog cameras (960H) for every channel
- Multiplex (Live/Playback, Recording, Backup, Networking)
- Auto detects HD-TVI, CVI, AHD or analog cameras
- RAID configuration
- Various recording features (schedule, motion, alarm)
- eSATA interface: add external Hard drive to increase record capacity

PREMIUM

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

Item Code: GD-RT-AT5016N

EAN CODE: 4260573060580

Specifications GD-RT-AT5016N

Video

Video Inputs:	16-ch, BNC interface (1.0 Vp-p, 75 Ω) , supporting coaxitron connection
IP Inputs:	16 channels
HD-TVI Input:	8 MP, 5 MP, 4 MP, 3 MP, 1080p25, 1080p30, 720p25, 720p30, 720p50, 720p60
AHD Input:	5 MP, 4 MP, 1080p25, 1080p30, 720p25, 720p30
CVI Input:	5MP, 4 MP, 1080p25, 1080p30, 720p25, 720p30
CVBS Input:	PAL, NTSC

Recording / Playback

Recording Bandwidth:	260 Mbps
Recording Resolution:	8 MP, 5 MP, 4 MP, 3 MP, 1080p, 720p, WD1, 4CIF, VGA, CIF
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):	Main Stream 5 MP@12fps, 4 MP@ 15fps, 3 MP@18fps, 1080p, 720p, WD1, 4CIF, VGA, CIF@25fps (P) , 30fps (N) Sub-Sstream: WD1, 4CIF, CIF@25fps (P) , 30fps (N)

Audio

Audio Compression:	G.711
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General

External Backup:	USB HDD, USB Memory, USB DVD-R, Network, eSATA
Max. Storage Capacity:	Up to 10TB capacity for each HDD
PTZ Control:	Pan, Tilt, Zoom, Camera OSD, Preset set, call

Network

Video Compression:	H.264, H.264+, H.265, H.265+
Network Protocol:	TCP/IP, PPPoE, DHCP, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF
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, 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

I/O Interface

HDMI Output:	HDMI1 & VGA: 1920 × 1080, 60Hz, 1280 × 1024, 60Hz, 1280 × 720, 60Hz, 1024 × 768, 60Hz HDMI2: 4K (3840 × 2160) , 30Hz, 2K (2560 × 1440) , 60Hz, 1920 × 1080, 60Hz, 1280 × 1024, 60Hz, 1280 × 720, 60Hz, 1024 × 768, 60Hz
Audio Inputs:	4-ch, RCA (2.0 Vp-p, 1kΩ) 1-ch, RCA (2.0 Vp-p, 1kΩ) duplex
Audio Outputs:	2-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

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Recorders | HD-analogue | Standalone HDVR

GRUNDIG

I/O Interface

Alarm Outputs:	4
Network Interface:	2x 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
CVBS Output:	1-ch, BNC (1.0 Vp-p, 75 Ω) , resolution: PAL: 704 x 576, NTSC: 704 x 480
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 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:	-10 °C ~ +55 °C (+14 °F ~ + 131 °F)
Operating Humidity:	10% ~ 90%, non-condensing

Electrical

Supply Voltage:	100 ~ 240 VAC, 50Hz / 60Hz
Power Consumption:	≤ 65W without hard disks

Mechanical

Chassis:	19-inch rack-mounted, 2U
Dimensions:	445 x 400 x 71 mm (17.5 x 15.7 x 2.8 inch)
Weight:	5200 g (11.5 lb)

Accessories:



GD-KB-AP0110M

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grundig-security.com

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