

GD-RT-AC3004N

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



- H.265/H.265+, H.264/H.264 and new H265pro/H265pro+ Compression mode
- Many intelligent functions: deep learning distinguishing between human and vehicles, face detection and capture, line crossing and intrusion alarm
- Accepts either HD-TVI, CVI, AHD or analog cameras (960H) for every channel
- 6 recording tracks: Up to 2 IP channels can be used in addition to the analog channels. In the IP Enhance mode, up to 6 IP channels can be used if the analog channels are no longer available.
- Auto detects HD-TVI, CVI, AHD or analog cameras
- Multiplex (Live/Playback, Recording, Backup, Networking)
- Various recording features (schedule, motion, alarm)



ESSENTIAL

- Product Line Essential: high quality, basic features and remarkably many functions for smaller applications

Item Code: GD-RT-AC3004N

EAN CODE: 4260573060535

Specifications GD-RT-AC3004N

Video	
CVI Input:	4 MP, 1080p25, 1080p30, 720p25, 720p30
AHD Input:	4 MP, 1080p25, 1080p30, 720p25, 720p30
Video Inputs:	4-ch, BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
HD-TVI Input:	4MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25 Note: The 3 MP signal input is only available for channel 1 of GD-RT-AC3004N, of channel 1/2 of GD-RT-AC3008N and for channel 1/2/3/4 of GD-RT-AC3016N
CVBS Input:	PAL, NTSC
IP Inputs:	5 (6 IP enhance mode)
Recording / Playback	
Recording Resolution:	4 MP, 3 MP, 1080p, 720p, WD1, 4CIF (when 1080P lite not enabled)
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
Audio	
Audio Compression:	G.711 u
General	
External Backup:	USB HDD, USB Memory, USB DVD-R, Network
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.265pro, H.265pro+
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:	32
Frame Rate:	Main Stream (when 1080p Lite mode not enabled): For 4 MP stream access: 4 MP lite@ 15fps; 3 MP, 1080p, 720p, VGA, WD1, 4CIF, CIF@15fps For 3 MP stream access: 3 MP, 1080p, 720p, VGA, WD1, 4CIF, CIF@15fps For 1080p stream access: 1080p, 720p@15fps, VGA, WD1, 4CIF, CIF@25fps (P), 30fps (N) For 720p stream access: 720p, VGA, WD1, 4CIF, CIF@25fps (P), 30fps (N) When 1080p Lite mode enabled: 4MPlite/3 MP@15fps 1080p lite, 720p lite, VGA, WD1, 4CIF, CIF@25fps (P), 30fps (N) Sub-stream: WD1, 4CIF@12fps, CIF@25fps (P), 30fps (N)
I/O Interface	
HDMI Output:	1920×1080, 60Hz, 1280×1024, 60Hz, 1280×720, 60Hz, 1024×768, 60Hz
Audio Inputs:	1-ch, RCA (2.0 Vp-p, 1kΩ)

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Recorders | HD-TVI | Standalone HDVR

GRUNDIG

I/O Interface

Audio Outputs:	1-ch, RCA (2.0Vp-p, 1K Ω)
Harddisk bay:	1 x SATA
Network Interface:	1x 10, 100 Base T, TX (RJ-45)
Serial Interface(s):	Front panel: 1 x USB 2.0, Rear panel: 1 x USB 2.0, 1 x RS485
CVBS Output:	1-ch, BNC (1.0 Vp-p, 75 Ω) , resolution: PAL: 704 x 576, NTSC: 704 x 480
VGA Output:	1920x1080, 60Hz, 1280x1024, 60Hz, 1280x720, 60Hz, 1024x768, 60Hz

Intelligent Functions

Intelligent Video Analytics:	Facial detection (2-ch max.) and human/vehicle analysis (2-ch max.). These functions cannot be enabled at the same time. Enable one function will make the other one unavailable.
Face Detection:	Human face capture for 1 Channel HD analog camera
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

Environmental

Operating Temperature:	-10 °C ~ +55 °C (+14 °F ~ + 131 °F)
Operating Humidity:	10% ~ 90%, non-condensing

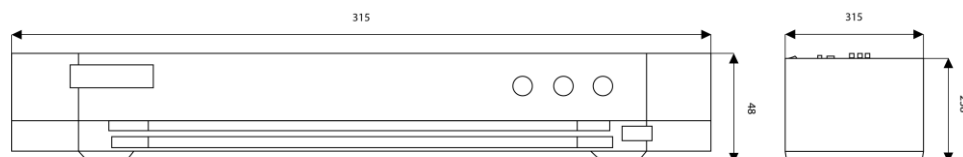
Electrical

Supply Voltage:	12 VDC, Power Adapter 100 ~ 240 VAC 50, 60Hz included
Power Consumption:	≤ 18 W without harddisk

Mechanical

Dimensions:	315 x 242 x 45 mm (12.4 x 9.5 x 1.8 inch)
Weight:	1160 g (2.6 lb)

Dimensions:



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