



Type: Standalone HDVR - HD-Analogue - Recorder

Item Code: GD-RT-AT8016N

EAN CODE: 4260573064342

PREMIUM

The PREMIUM product line offers versatile solutions with unique and unparalleled features.

Highlights

Smartphone App



The mobile application was developed to facilitate operators in effectively controlling and managing video systems remotely, at any time. It allows for live image viewing, playback of recorded video data, and receipt of remote notifications.

Objekt Classification



This technology employs a highly advanced deep learning algorithm that can discern whether the alarm was triggered by a human, a vehicle or some other object.

Features

- Deep Learning - behavior analysis based on deep learning algorithm like line crossing, region entrance & exit , intrusion
- Accepts either HD-TVI, CVI, AHD, IP or analog cameras (960H) for every channel
- Multiplex (Live/Playback, Recording, Backup, Networking)
- 4K Resolution for super detailed images
- RAID configuration
- eSATA interface: add external Hard drive to increase record capacity

Specifications GD-RT-AT8016N

Video

Video Inputs:	16-ch, BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
IP Inputs:	18 (34 IP enhance mode) up to 12 MP resolution
HD-TVI Input:	8 MP, 3K, 5 MP, 4 MP, 3 MP, 1080p25, 1080p30, 720p25, 720p30, 720p50, 720p60
AHD Input:	5 MP, 4 MP, 1080p25, 1080p30, 720p25, 720p30
CVI Input:	4 MP, 1080p25, 1080p30, 720p25, 720p30
CVBS Input:	PAL, NTSC

Recording / Playback

Recording Bandwidth:	320 Mbit/s
Recording Resolution:	8 MP, 3K, 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: 8 MP@8fps, 3K@12fps, 5 MP@12fps, 4 MP@15fps, 3 MP@18fps, 1080p, 720p, WD1, 4CIF, VGA, CIF@25fps (P), 30fps (N) Sub-stream: WD1, 4CIF, CIF@25fps (P), 30fps (N)

Audio

Audio Compression:	G.711 u
Audio Bit Rate:	64 Kbps

General

External Backup:	USB HDD, USB Memory, USB DVD-R, Network, eSATA
Max. Storage Capacity:	Up to 12 TB capacity for each HDD
PTZ Control:	Pan, Tilt, Zoom, Preset set and call
Accessories included:	Mouse, sata cable, 19 inch rack mount kit

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, SNMP
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
RAID:	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10
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
VGA Output:	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
CVBS Output:	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
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)
Alarm Inputs:	16 contact input N/O or N/C

I/O Interface

Alarm Outputs:	4
Harddisk bay:	4 x SATA III, 1 x eSATA
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

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

Regulation:	CE, EAC, FCC, RoHS Compliant
Standard:	ONVIF (Profile S, Profile G), SDK/API

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:	≤ 35W without hard disks

Mechanical

Chassis:	19-inch rack-mounted, 1.5U
Dimensions:	445 x 400 x 71 mm (17.5 x 15.7 x 2.8 inch)
Weight:	5000 g (11.03 lb.)

Packaging

Package Dimensions:	502 x 158 x 495 mm (19.8 x 6.2 x 19.5 inch)
Package Weight:	6900 g (15.2 lbs)
Packaging Unit:	2
Bulk Package Dimensions:	523 x 340 x 522 mm (20.6 x 13.4 x 20.6 inch)
Bulk Package Weight:	14300 g (31.5 lbs)

Accessories

GD-KB-AP1420P



GD-KB-AT2430P

Guarantee

All cameras in the "SMART", "PRO" and "PREMIUM" product lines have an extended warranty period of 5 years on electronic parts, mechanical wear and tear on moving parts is not included. Please note our general delivery terms and conditions.