

Type: Standalone HDVR - HD-Analogue - Recorder

Item Code: GD-RT-AP8008P

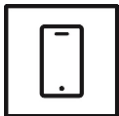
EAN CODE: 4260573063819

PROFESSIONAL

The PROFESSIONAL product line comprehensively covers modern video systems and offers versatile solutions for various areas of application.

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.

Object 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 - Human and Vehicle Analysis: Self learning human and vehicle classification improves unwanted alarm filtering
- Accepts either HD-TVI, CVI, AHD or analog cameras (960H) for every channel
- Multiplex (Live/Playback, Recording, Backup, Networking)
- H.265, H.264/H.264+ and new H265pro/H265pro+ Compression mode
- Auto detects HD-TVI, CVI, AHD or analog cameras
- Various recording features (schedule, motion, alarm)

Specifications GD-RT-AP8008P

Video

Video Inputs:	8-ch, BNC interface (1.0 Vp-p, 75 Ω), supporting PoC & coaxitron connection
IP Inputs:	12 (16 IP enhance mode) up to 8 MP
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:	4 MP, 1080p25, 1080p30, 720p25, 720p30
CVBS Input:	PAL, NTSC

Recording / Playback

Video Bit Rate:	32 Kbps ~ 10 Mbps
Recording Bandwidth:	128 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. 8 cameras
Frame Rate(R):	Main stream: 8 MP@8fps, 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
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General

External Backup:	USB HDD, USB Memory, USB DVD-R, Network
Max. Storage Capacity:	Up to 10 TB capacity for each HDD
PTZ Control:	Pan, Tilt, Zoom, Preset set and call
Serial Protocol:	Grundig, Pelco D, Pelco P, more on request

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:	128
Streaming:	Dual Streaming

I/O Interface

HDMI Output:	4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz (4K output does not work with some deep learning functions)
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 (2.0Vp-p, 1KΩms)
Audio Outputs:	1-ch, RCA (2.0Vp-p, 1KΩ)
Alarm Inputs:	8 contact input N/O or N/C
Alarm Outputs:	4

I/O Interface

Harddisk bay:	2 x SATA III
PoC Interface:	8-ch
Network Interface:	1x RJ45 Gbit LAN
Serial Interface(s):	Front panel: 2 × USB 2.0, Rear panel: 2 × USB 3.0, 1 x RS-485

Intelligent Functions

Deep Learning Analytics:	Motion Detection for all analog Channels or Perimeter Protection for max. 4 analog channels (line crossing detection, intrusion detection) with human and vehicle object classification. Motion detection and perimeter protection cannot be enabled at the same time. Enable one function will make the other one unavailable.
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 T), SDK/API

Environmental

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

Electrical

Supply Voltage:	48 VDC, Power Adapter 100 ~ 240 VAC 50, 60Hz included
Power Consumption:	< 60 W without hard disk, PoC

Mechanical

Dimensions:	380 × 315 × 52mm (15.2 x 12.4 x 2.0 inch)
Weight:	2000 g (4.4 lb)

Packaging

Package Dimensions:	435 x 129 x 387 mm (17.1 x 5.1 x 15.2 inch)
Package Weight:	3600 g (7.9 lbs)
Packaging Unit:	4
Bulk Package Dimensions:	548 x 450 x 412 mm (21.6 x 17.7 x 16.2 inch)
Bulk Package Weight:	14900 g (32.8 lbs)

Accessories

GD-CW-VIEWER



GD-CW-FINDER



GD-SW-SCMS



GD-HW-HDD-2TB



GD-HW-HDD-4TB



GD-HW-HDD-6TB



GD-HW-HDD-8TB

Dimensions

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.