

GD-CI-AT8747P

8 MP PTZ Dome IP-Camera 42x Zoom ICR IR LED WDR H.265+



- WDR (Wide Dynamic Range) for extreme backlight situations
- Deep Learning - Human and Vehicle Analysis: Self learning human and vehicle classification improves unwanted alarm filtering
- Deep Learning - Person comparison: supports the comparison in real time of persons with preset characteristics. Detected people are tracked and latitude-longitude information is recorded / uploaded.
- Deep Learning - Recognition of vehicles: Supports vehicle recognition and license plate recognition, recognizes and tracks predefined vehicles, latitude-longitude information and license plate information are also recorded / uploaded.
- Management platform for 3rd party APPs

PREMIUM

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

Item Code: GD-CI-AT8747P

EAN CODE:

© Abetechs GmbH (Grundig Security), Düsseldorf, Germany

grundig-security.com

Specifications GD-CI-AT8747P

Camera	
Image Sensor:	1/1.8" progressive Scan CMOS
Video Resolution:	3840 × 2160
Sensitivity Colour:	0.005 Lux
Sensitivity B/W:	0.0005 Lux @ (F1.2 (AGC ON)) , 0.0007 Lux @ (F1.4 (AGC ON)) , 0 Lux with IR
Shutter Speed:	1 ~ 1/30,000 s
White Balance:	Auto, Manual, ATW, Indoor, Outdoor, Fluorescent light, Sodium light
Lens	
Lens Focal Length:	6 .0 ~ 252 mm, 42x Optical Zoom
Horizontal Viewing Angle:	56.6° (Wide) ~ 1.7° (Tele)
Focus Adjustment:	Auto, Manual, Semi-automatic
Optical Zoom Ratio:	42x
Digital Zoom:	16x
Illuminator	
Max. IR Distance:	Up to 500m
Video	
Col/B&W:	Auto, Color, Removable IR-Cut Filter (ICR)
Wide Dynamic Range:	120 dB
Image Enhancement:	BLC, 3D DNR, Defog, EIS, HLC, AGC, Regional Exposure, Regional Focus, Rapid Focus
Day/Night Switch:	Support auto, scheduled, day, night
Triple Streams:	Support
Audio	
Audio Compression:	G722.1/G711ulaw/G711alaw/G726/MP2L2/PCM
Network	
Video Compression:	Main Stream: H.264, H.264+, H.265, H.265+ Sub-Stream: H.264, H.265, MJPEG Third Stream: H.264, H.265, MJPEG
H.264 code profile:	Baseline Profile / Main Profile / High Profile
Scalable Video Coding (SVC):	supported
SD memory:	Micro SD/SDHC/SDXC card slot with ANR (up to 256G), NAS (Support NFS, SMB/CIFS)
Network Protocol:	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, Bonjour, UDP, PPPoE, 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, 802.1X authentication , (EAP-LEAP), 802.1X authentication (EAP-TLS), 802.1X authentication (EAP-MD5), Watermark, IP Adress Filter, WSSE and digest authentication for ONVIF, SNMP V2 , SNMP V3, TLS 1.0, 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 hardware check

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Network	
Number of Clients:	Up to 32 simultaneously
Frame Rate:	Main Stream 50Hz: 25fps (3840 x 2160, 2560 x 1440, 1920 x 1080, 1280 x 960, 1280 x 720) 60Hz: 30fps (3840 x 2160, 2560 x 1440, 1920 x 1080, 1280 x 960, 1280 x 720) Sub Stream 50Hz: 25fps (704 x 576, 640 x 480, 352 x 288) 60Hz: 30fps (704 x 480, 640 x 480, 352 x 240) Third Stream 50Hz: 25fps (1920 x 1080, 1280 x 960, 1280x720, 704 x 576, 640 x 480, 352 x 288) 60Hz: 30fps (1920 x 1080, 1280 x 960, 1280x720, 704 x 480, 640 x 480, 352 x 240)
Network Storage:	Micro SD, SDHC, SDXC card with ANR (up to 256G) , NAS (Support NFS, SMB, CIFS)
Pan Tilt Zoom	
Number of Privacy Zones:	24 programmable polygon zones, mask color or mosaic
Number of Patrols:	8 patrols, up to 32 presets for each patrol
Number of Pattern:	4 pattern scans, record time over 10 minutes for each scan
Number of Preset:	300
Pan Speed:	Configurable, from 0.1°/sec to 210°/sec, Preset Speed: 280°/sec
Range Panning:	360° endless
Range Tilting:	-20° ~ 90°
Schedule:	Preset, Pattern Scan, Patrol Scan, Auto Scan, Tilt Scan, Random Scan, Frame Scan, Panorama Scan, Dome Reboot, Dome Adjust, Aux Output
Tilt Speed:	Configurable from 0.1°/sec to 150°/sec, Preset Speed: 250°/sec
Park Action:	Preset , Patrol , Pattern , Auto scan , Tilt scan , Random scan , Frame scan , Panorama scan
Preset Freezing:	Support
Proportional Zoom:	Rotation speed can be adjusted automatically according to zoom multiples
PTZ Status Display:	ON, OFF
Tracking Functions:	Manual Tracking, Panorama Tracking, Event Tracking
I/O Interface	
Alarm Input:	Preset, Patrol Scan, Pattern Scan, Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP, NAS, Send Email, etc.
Network Interface:	1x 10, 100 Base T, TX (RJ-45)
Video Outputs:	1x CVBS (1 Vcc) BNC
Alarm Input/Output:	7 inputs, 2 outputs (up to 12 VDC, 30 mA) , terminal block
Audio Input/Output:	1-ch audio input and 1-ch audio output
Serial Interface(s):	1x RS-485
Intelligent Functions	
Intelligent Video Analytics:	Detection of intrusion, line crossing, region entrance, region exit, objects left over, objects removed, human body, face, and vehicle. Video tampering detection such as defocus, change of the scene and sudden audio increase or decrease.
Deep Learning Analytics:	Face Capture, Line crossing detection, intrusion detection, region entrance detection, region exiting detection, detection of people and vehicles with preselected features
License plate recognition:	License Plate Recognition (LPR)
Approvals	
Regulation:	CE, EAC, FCC, RoHS Compliant
Protection Rating:	IP67, IK10 (excluding lens glass)

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Approvals

Standard: ONVIF (Profile S, Profile G), ISAPI, SDK, Ehome

Environmental

Operating Temperature: -40 °C ~ 70 °C (-40 °F ~ 158 °F)

Humidity: Less than 95%, non condensing

Electrical

Surge Protection: TVS 6000V Lightning Protection, Surge Protection and Voltage Transient Protection

Supply Voltage: 24 VAC, Hi-PoE (IEEE 802.3bt)

Power Consumption: Max. 60W

Mechanical

Dimensions: Ø 266.6 × 410 mm (Ø 10.50 × 16.14 inch)

Weight: 8396 g (18.51 lb)

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