4 MP Bullet IP-Camera 2.8~12 mm

GD-CI-AT4637TH

Type: Bullet - IP - Camera
Item Code: GD-CI-AT4637TH
EAN CODE: 4260573061594

PREMIUM

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

Highlights

Ultra Low Light

Designed for unparalleled performance in low-light environments, this camera incorporates advanced image processing and a high-capacity image sensor, ensuring exceptional image quality even in ultra-low light conditions.

H.265+

H.265pro+ utilizes the standard H.265/High Efficiency Video Coding (HEVC) format, but boasts advanced technologies that enable it to substantially reduce the necessary transmission bandwidth and storage capacity for maximum efficiency.

Features

- H.265/H.265+, H.264/H.264+ & MJPEG compression modes
- Various streams from one camera can be used for recording and display. The benefits here enable, for example, keeping the data rate significantly lower with multiple-image displays
- Built in analytics function: Detection of line crossing, intrusion, region entrance, region exit, object removal, unattended baggage, face and scene change included

Specifications GD-CI-AT4637TH

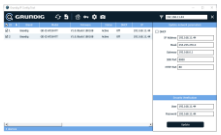
Camera	
Image Sensor:	1/1.8" progressive Scan CMOS
Video Resolution:	2560 x 1440
Sensitivity Colour:	0.002 Lux @ F1.2 (AGC ON)
Sensitivity B/W:	0 Lux LED IR on
Shutter Speed:	1 ~ 1/100,000 s
Slow Shutter:	Support
White Balance:	Manual, AWB1, AWB2, Locked WB, Fluorescente lamp, Incandescent lamp, Warm light, Natural light
Lens	
Lens Focal Length:	2.8 ~ 12 mm motorized varifocal, autofocus
Iris F-Number:	F1.2
Lens Drive Type:	P-Iris
Field of View:	109.2° ~ 38.9° (horizontal), 54.2° ~ 21.9° (vertical), 114.5° ~ 82.4° (diagonal)
Illuminator	
Max. IR Distance:	Up to 50 m
Video	
Col/B&W:	On, Off, Auto, IR-cut filter removable (ICR)
Wide Dynamic Range:	140 dB
Image Enhancement:	BLC, 3D DNR, Defog, EIS, HLC
Image Settings:	Rotate mode, Saturation, Brightness, Contrast, Sharpness and white balance adjustable by client software or web browser
Day/Night Switch:	Support auto, scheduled, day, night, triggered by alarm in
Frame Rate	
Main Stream:	50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Sub- Stream:	50 Hz: 25 fps (704 × 576, 640 × 480) 60 Hz: 30 fps (704 × 480, 640 × 480)
3rd Stream:	50 Hz: 25 fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60 Hz: 30 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)
4th Stream:	50 Hz: 25 fps (704 × 576, 640 × 480) 60 Hz: 30 fps (704 × 480, 640 × 480)
5th Stream:	50 Hz: 25 fps (704 × 576, 640 × 480) 60 Hz: 30 fps (704 × 480, 640 × 480)
6th Stream:	50 Hz: 25 fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60 Hz: 30 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) *) Listed resolutions are only selectable options. It does not mean that all streams can work at their maximum resolution at the same time.
Network	
Functions:	One-key reset, anti-flicker, five plus five streams, heartbeat, mirror, password protection, privacy mask, watermark, IP-address filter
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
Region of Interest:	Support four fixed region for each stream, and dynamic face tracking
H.264 code profile:	Baseline Profile / Main Profile / High Profile

Network	
Bit Rate:	32Kbps ~ 16Mbps, adjustable
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, SNMP, SMTP, IGMP, 802.1X, QoS, IPv4/IPv6, UDP, PPPoE, Bonjour, SRTP, SFTP, SSL/TLS
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, RTP/RTSP over HTTPS, Control timeout settings, Security audit log, SNMP V2 , SNMP V3, TLS 1.1, TLS 1.2, TLS 1.2 with updated cipher suites including AES 256 encryption., Centralized Certificate Management, Brute Force Delay Protection, Signed Firmware, Secure Boot by software check, Secure Boot by hardware check
Streaming:	Five streams plus five custom streams
I/O Interface	
Video Outputs:	1 Test Monitor output (CVBS, 1 Vpp). Adapter cable with female BNC connector included.
Alarm Input/Output:	2 alarm-inputs, 2 alarm-outputs (up to 24 VDC 1 A or 110 VAC 500mA)
Network Interface:	1x 10, 100, 1000 Base T, TX (RJ-45)
Intelligent Functions	
Face Detection:	Human face appears in the image can be detected and trigger event action
Intrusion Detection:	Enter and loiter in a pre-defined virtual region, up to 4 pre-defined virtual regions supported
Object Counting:	Entrance and Exit object number is accounted and showed on screen in real time
Line Crossing:	Cross a pre-defined virtual line, up to 4 pre-defined virtual lines supported
Object Removal:	Detects within a predefined, adjustable area objects that were originally placed in a specific location and have been removed, as well as objects that have been left behind there
Object Removal:	Detects within a predefined, adjustable area objects that were originally placed in a specific location and have been removed, as well as objects that have been left behind there
Region Entrance:	Enter a pre-defined virtual region from the outside place
Region Exiting:	Exit from a pre-defined virtual region
Tamper Protection:	Scene change and defocus
Event Source:	Video tampering, network disconnected, IP address conflicted, HDD full, HDD error, illegal login, motion detection
Approvals	
Protection Rating:	IP67 (IEC 60529-2013), IK10 (IEC 62262:2002)
Regulation:	CE, EAC, FCC, RoHS Compliant
Standard:	ONVIF (Profile S, Profile G), SDK/API
Environmental	
Operating Temperature:	-50 °C ~ 65 °C (-58 °F ~ 149 °F)
Humidity:	Less than 95%, non condensing
Electrical	
Surge Protection:	TVS 2000V Lightning Protection, Surge Protection and Voltage Transient Protection
Supply Voltage:	12 VDC, PoE (IEEE 802.3at)
Power Consumption:	Max. 18 W
Mechanical	
Mount:	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 355°, 3-Axis Adjustment
Dimensions:	Ø 145 x 350 mm (Ø 5.7 × 13.7 inch)

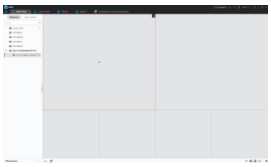
Mechanical	
Weight:	2450 g (5.40lb)

Accessories

GD-CW-VIEWER



GD-CW-FINDER



GD-SW-SCMS

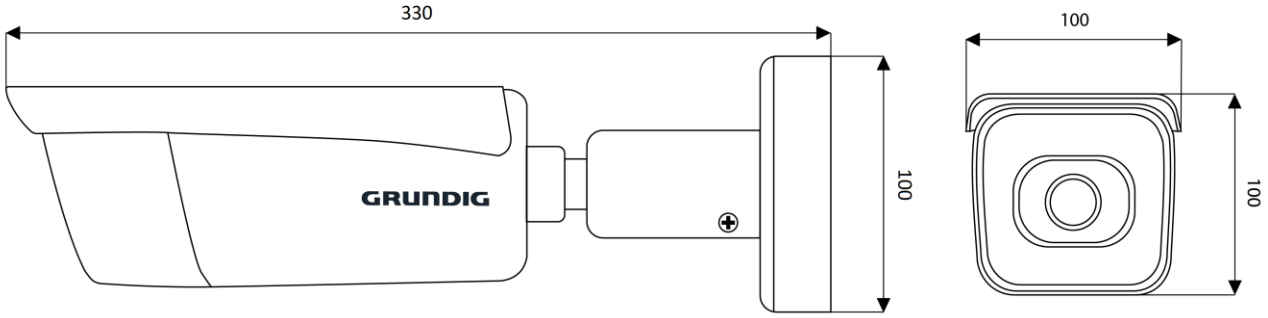
GD-HW-SD-128GB

GD-HW-SD-256GB

GD-BR-AMC01

GD-BR-AML03

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.