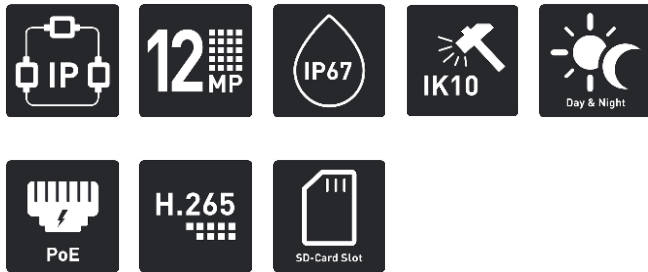


**GD-CI-AT12637T**

12 MP Bullet IP-Camera 8~32mm Motor Vario ICR IR LED  
H.265+



- 12 Megapixel IP Camera with Full HD 1080P real time video
- Face Counting - allows people to be counted with the integrated deep learning algorithm (AI) and to compare them with images from the integrated library.
- Protective helmet detection - with the embedded deep learning algorithms (AI), the camera detects people in the specified area and whether the Person wearing a hard hat. An alarm can be triggered if the helmet is not observed..
- Recognition of several target types - through the embedded deep learning algorithms (AI), the camera recognizes and records a person's face and body and gives several features such as: E.g. gender, age and whether a mask is worn.

**PREMIUM**

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

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EAN CODE:

## Specifications GD-CI-AT12637T

### Camera

Image Sensor:	1/1.7" progressive Scan CMOS
Video Resolution:	4000 × 3000
Sensitivity Colour:	0.009 Lux @ F1.2 (AGC ON)
Shutter Speed:	1 ~ 1/100,000 s
Slow Shutter:	Support

### Lens

Lens Focal Length:	8 ~ 32 mm motorized, autofocus
Horizontal Viewing Angle:	40.2° (Wide) ~ 14.4° (Tele)
Lens Drive Type:	P-Iris

### Illuminator

Max. IR Distance:	Up to 100 m
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### Video

Col/B&W:	On, Off, Auto, IR-cut filter removable (ICR)
Wide Dynamic Range:	Digital WDR
Image Enhancement:	BLC, 3D DNR, Defog, EIS, HLC, Distortion Correction
Image Settings:	Rotate mode, Saturation, Brightness, Contrast, Sharpness, AGC and White Balance adjustable by client software or web browser
Day/Night Switch:	Support auto, scheduled, day, night, triggered by alarm in

### Audio

Audio Compression:	G.722.1/G.711ulaw/G.711alaw/G.726/MP2L2/PCM/MP3
Audio bit rate:	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-196Kbps(MP2L2)/32 Kbps(PCM)/ 8-320 Kbps(MP3)
Environment Noise Filtering:	yes

### 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/Third Stream/ Fourth Stream/ Fifth Stream/ Costum Stream: H.264, H.265, MJPEG
Region of Interest:	Support four fixed region for each stream
H.264 code profile:	Baseline Profile / Main Profile / High Profile
Bit Rate:	32Kbps ~ 16Mbps
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, SFTP, SRTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, Bonjour, UDP, PPPoE, SNMP, SSL/TLS
Cyber Security:	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, RTP/RTSP over HTTPS, control timeout settings, security audit log, TLS 1.2

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**Network**

Reset Button:	yes
Frame Rate:	Main Stream 50Hz: 25fps (4096 x 2160, 3840 x 2160, 3072 x 1728, 2560 x 1440, 1920 x 1080, 1280 x 720), 60Hz: 30fps (4096 x 2160, 3840 x 2160, 3072 x 1728, 2560 x 1440, 1920 x 1080, 1280 x 720), 50Hz 20fps (4000 x 3000), 60Hz 30fps (4000 x 3000) Sub Stream 50Hz: 25fps (704x576, 640x480), 60Hz: 30fps (704x480, 640x480) Third Stream 50Hz: 25fps (1920 x 1080, 1280 x 720, 704x576, 640x480), 60Hz: 30fps (1920 x 1080, 1280 x 720, 704x480, 640x480) Fourth Stream 50Hz 25 fps (1920 x 1080, 1280 x 720, 704 x 576, 640 x 480), 60Hz 30fps (1920 x 1080, 1280 x 720, 704 x 480, 640 x 480) Fifth Stream 50Hz 25 fps (704 x 576, 640 x 480), 60 Hz 30fps (704 x 480, 640 x 480) Costum File 50 Hz 25fps (1920 x 1080, 1280 x 720, 704 x 576, 640 x 480), 60Hz 30fps (1920 x 1080, 1280 x 720, 704 x 480, 640 x 480)

**I/O Interface**

Network Interface:	1x 10, 100, 1000 Base T, TX (RJ-45)
Video Outputs:	1 Test Monitor output (CVBS, 1 Vpp). Adapter cable with female BNC connector included.
Alarm Input/Output:	2 inputs, 2 outputs (up to 24 VDC 1 A)
Audio Input/Output:	1-ch audio input and 1-ch audio output
Serial Interface(s):	1x RS485 half duplex

**Intelligent Functions**

Deep Learning Analytics:	Face Capture, Line crossing detection, intrusion detection, region entrance detection, region exiting detection, human, vehicle, detection of several target types, hard hat detection.
Intrusion Detection:	Enter and loiter in a pre-defined virtual region, up to 4 pre-defined virtual regions supported
Motion Detection:	On, Off, Area Setting
Line Crossing Detection:	Cross a pre-defined virtual line, up to 4 pre-defined virtual lines supported
Intrusion Detection:	Enter and loiter in a pre-defined virtual region
Region Entrance:	Enter a pre-defined virtual region from the outside place
Region Exiting:	Exit from a pre-defined virtual region
Unattended Baggage:	Objects left over in the pre-defined region such as the baggage, purse, dangerous materials
Object Removal:	Objects removed from the pre-defined region, such as the exhibits on display
Event Source:	Video tampering, network disconnected, IP address conflicted, HDD full, HDD error, illegal login, motion detection
Intelligent Video Analytics:	Face recognition, recognition of several target types, Face counting, protective helmet detection, Queue management, Premier protection, Deep Learning AI Functions
Face recognition:	Detection of up to 30 faces simultaneously, 3 face libraries configurable with up to 30.000 faces each, recognition of face identity via face modeling, grading and comparing to faces stored in the library.
Tamper protection:	Detection of scene change, defocus, sudden audio increase/decrease or audio loss.

**Approvals**

Regulation:	CE, EAC, FCC, RoHS Compliant
Standard:	ONVIF (Profile S, Profile G), PSIA, CGI, ISAPI
Protection Rating:	IP67, IK10

**Environmental**

Operating Temperature:	-40 °C ~ 60 °C (-40 °F ~ 140 °F)
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## Environmental

Humidity: Less than 95%, non condensing

## Electrical

Supply Voltage: 12 VDC, PoE (IEEE 802.3at)

Power Consumption: Max. 18 W

## Mechanical

Dimensions:  $\varnothing$  144 x 347 mm ( $\varnothing$  5.7 x 13.7 inch)

Weight: 1900 g (4.19 lb)

## Accessories:



GD-BR-AMC01



GD-BR-AML03

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EAN CODE:

® Abetechs GmbH (Grundig Security), Düsseldorf, Germany

[grundig-security.com](http://grundig-security.com)