

Type: Bullet - IP - Camera
Item Code: GD-CI-CT8637T
EAN CODE: 4260573064304

PREMIUM

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

Highlights

Ultra Low Light



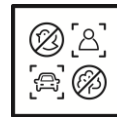
Designed for unparalleled performance in low-light environments, this camera incorporates advanced image processing and a high-capacity image sensor, ensuring exceptional image quality even in ultra-low light conditions.

Deep Learning



Deep Learning is inspired by the complex structure of the human brain. This innovative method allows processing of information and performing corresponding actions based on analysis.

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 - Human and Vehicle Analysis: Self learning human and vehicle classification improves unwanted alarm filtering
- P-Iris:system to give precise control over the iris opening
- Deep Learning - Person comparison: supports the comparison in real time of persons with face picture library. Search target people by picture and name features.
- 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.

Specifications GD-CI-CT8637T

Camera

Image Sensor:	1/1.8" progressive Scan CMOS
Video Resolution:	3840 × 2160
Sensitivity Colour:	0.002 Lux @ F1.2 (AGC ON)
Shutter Speed:	1 ~ 1/100,000 s
Slow Shutter:	Support
White Balance:	Manual, AWB1, AWB2, Locked WB, Fluorescent lamp, Incandescent lamp, Warm light, Natural light

Lens

Lens Focal Length:	8 ~ 32 mm motorized, autofocus
Lens Drive Type:	P-Iris
Field of View:	42.5° ~ 15.1° (horizontal), 23.3° ~ 8.64° (vertical), 49.6° ~ 17.3° (diagonal)

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:	120 dB
Image Enhancement:	BLC, 3D DNR, Defog, EIS, HLC
Image Settings:	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
Privacy zones:	8 programmable zones

Network

Functions:	One-key reset, anti-flicker, five streams, heartbeat, mirror, password protection, privacy mask, watermark, IP-address filter
Video Compression:	H.264, H.264+, H.265, 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, adjustable
Scalable Video Coding (SVC):	supported
SD Memory:	Micro SD/SDHC/SDXC card slot with ANR (up to 256G), NAS (Support NFS, SMB/CIFS)
Frame Rate:	Main Stream 50 Hz: 25 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) Sub Stream 50 Hz: 25 fps (704 × 576, 640 × 480) 60 Hz: 30 fps (704 × 480, 640 × 480) 3. 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) 4. Stream 50 Hz: 25 fps (704 × 576, 640 × 480) 60 Hz: 30 fps (704 × 480, 640 × 480) 5. Stream 50 Hz: 25 fps (704 × 576, 640 × 480) 60 Hz: 30 fps (704 × 480, 640 × 480)
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

Network

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
Reset Button:	yes

I/O Interface

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)
Network Interface:	1x 10, 100, 1000 Base T, TX (RJ-45)

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, Loitering, Poeples Gathering, Poeples Running-Detection.
Motion Detection:	On, Off, Area Setting
Intrusion Detection:	Enter and loiter in a pre-defined virtual region
Line Crossing:	Cross a pre-defined virtual line, up to 4 pre-defined virtual lines supported
Region Entrance:	Enter a pre-defined virtual region from the outside place
Region Exiting:	Exit from a pre-defined virtual region
Face Recognition:	Detection of up to 60 faces simultaneously, 10 face libraries configurable with up to 150.000 faces each
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, Profile T), SDK/API

Environmental

Operating Temperature:	-40 °C ~ 60 °C (-40 °F ~ 140 °F)
Humidity:	Less than 95%, non condensing

Electrical

Supply Voltage:	12 VDC, PoE (IEEE 802.3at)
Power Consumption:	Max. 18 W

Mechanical

Dimensions:	∅ 145 x 350 mm (∅ 5.7 x 13.7 inch)
Weight:	2280 g (5.03 lb)

Packaging

Package Dimensions:	405 x 190 x 180 mm (15.9 x 7.5 x 7.1 inch)
Package Weight:	3000 g (6.6 lbs)
Packaging Unit:	9
Bulk Package Dimensions:	590 x 560 x 425 mm (23.2 x 22 x 16.7 inch)
Bulk Package Weight:	27500 g (60.6 lbs)

Accessories

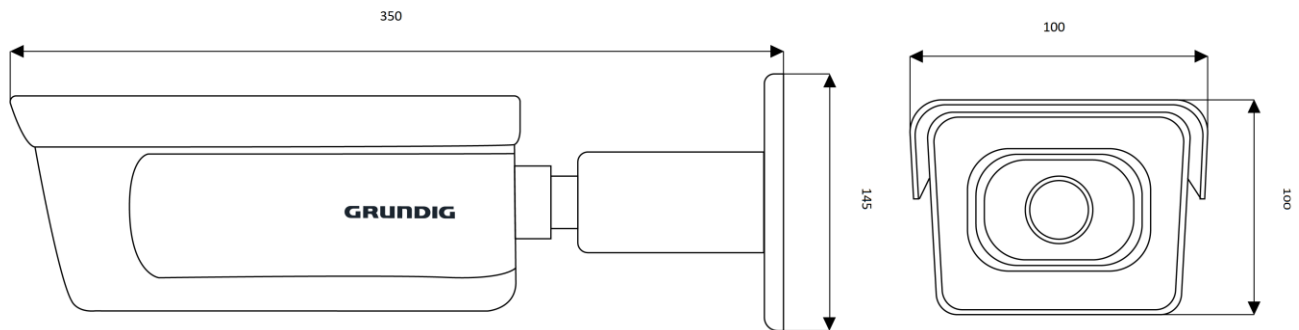


GD-BR-AMC01



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.