GD-CI-DT4637T

GRUNDIG

Type: Bullet - IP - Camera
Item Code: GD-CI-DT4637T
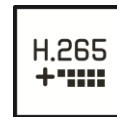EAN CODE: 4260573064441

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.

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.

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.

Features

- Motorized Zoom Lens: f = 2.8 - 12 mm

- License Plate Recognition (LPR) software included. Data import and export function, blacklist and whitelist or extended analytics functions

- Ultra Low Light CMOS Sensor, Smart-IR Control

- 0 Lux: Integrated LED IR Illuminator viewable distance up to 50m

- H.265/H.265+, H.264/H.264+ & MJPEG compression modes

- A maximum of 10,000 license plates can be added to the blocklist & allowlist

- 3 Axis Gimbal for wall and ceiling mount

Specifications GD-CI-DT4637T

Camera	
Image Sensor:	1/1.8" progressive Scan CMOS
Video Resolution:	2688 × 1520
Sensitivity Colour:	0.0005 Lux @ F1.2 (AGC ON)
Sensitivity B/W:	0.0001 Lux @ F1.2 (AGC ON), 0 Lux with IR
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, autofocus
Iris F-Number:	F1.2
Lens Drive Type:	P-Iris
Focus Adjustment:	Auto, Manual, Semi-automatic
Field of View:	112° ~ 41° (horizontal), 58° ~ 23° (vertical), 137° ~ 47° (diagonal)

Illuminator	
Max. IR Distance:	Up to 50 m
Wavelength:	850 nm

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:	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 zones, rectangle, blackened or mosaic

General	
DRI Range:	Detection: 149 m Observation: 59.1 m Recognition: 29.8 m Identification: 14.9 m

Network	
Functions:	One-key reset, anti-flicker, 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 Fourth Stream: H.264, H.265, MJPEG Fifth Stream: H.264, H.265, MJPEG
Region of Interest:	4 fixed regions for main stream
H.264 code profile:	Baseline Profile / Main Profile / High Profile
Bit Rate:	32Kbps ~ 8Mbps, adjustable
Scalable Video Coding (SVC):	supported
SD Memory:	Micro SD/SDHC/SDXC card slot with ANR (up to 1TB), NAS (Support NFS, SMB/CIFS)
Client software:	C-WERK Viewer, SCMS, IOS App, Android App (SCMS)

Network

Web Browser:	Plug-in required live view: IE8+ Non Plug-in live view: Chrome 57.0+, Mozilla Firefox 52.0+, Safari 11+ Local Service: Chrome 41.0+, Firefox 30.0+
Frame Rate:	Main Stream: 50 Hz: 25 fps (2688 × 1520, 2560 x 1440, 1920 × 1080, 1280 x 720) 60 HZ 30 fps (2688 × 1520, 2560 x 1440, 1920 × 1080, 1280 x 720) Sub Stream: 50 Hz: 25 fps (704 x 576, 640 × 480) 60 Hz: 30 fps (704 x 480, 640 × 480) 3. Stream: 50 Hz: 25 fps (1920 × 1080, 1280 x 720, 704 x 576, 640 × 480) 60 HZ 30 fps (1920 × 1080, 1280 x 720, 704 x 576, 640 × 480) 4. Stream: 50 Hz: 25 fps (1920 × 1080, 1280 x 720, 704 x 576, 640 × 480) 60 HZ 30 fps (1920 × 1080, 1280 x 720, 704 x 576, 640 × 480) 5. Stream: 50 Hz: 25 fps (704 x 576, 640 × 480) 60 Hz: 30 fps (704 x 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
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

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 or 110 VAC 500mA)
Network Interface:	1x 10, 100, 1000 Base T, TX (RJ-45)

Intelligent Functions

Motion Detection:	On, Off, Area Setting, Sensitivity
Intrusion Detection:	Enter and loiter in a pre-defined virtual region
Line Crossing:	Cross a pre-defined virtual line
Region Entrance:	Enter a pre-defined virtual region from the outside place
Region Exiting:	Exit from a pre-defined virtual region
License Plate Recognition:	Blocklist and Allowlist: up to 10,000 records License plate recognition of motorcycles (only in the checkpoint scenario) Supports vehicle attribute detection including vehicle type, color, make, etc. (City Street mode is recommended.) License plate recognition rate ≥98%).
Tamper Protection:	Detection of scene change, defocus, sudden audio increase/decrease or audio loss.
Event Source:	Video tampering, network disconnected, IP address conflicted, HDD full, HDD error, illegal login, motion detection
Event Action:	Send E-mail, trigger alarm output, notify surveillance C-WERK, upload to FTP/Cloud, trigger HDD-card recording and/or image capture, Full Screen, show message, Voice Prompt, Buzzer.
Meta data:	Detection of intrusion, line crossing, region entrance, region exiting, road traffic

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. 17 W

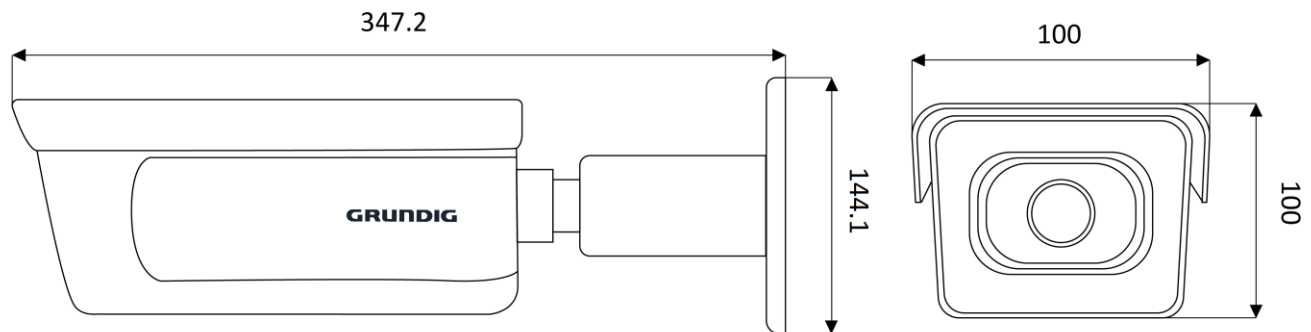| Mechanical	
Material:	Aluminium alloy
Mount:	Pan: 0° to 355°, tilt: 0° to 90°, rotation: 0° to 360°
Dimensions:	Ø 144 x 347 mm (Ø 5.7 × 13.7 inch)
Weight:	2000 g (4.4 lb)

Packaging	
Package Dimensions:	405 x 190 x 180 mm (15.9 x 7.5 x 7.1 inch)
Package Weight:	3200 g (7.1 lbs)
Bulk Package Dimensions:	590 x 560 x 410 mm (23.2 x 22 x 16.1 inch)
Bulk Package Weight:	29300 g (64.6 lbs)

Accessories

GD-BR-AMC01   GD-BR-AML03

Dimensions

347.2

144.1

100

100

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.