4 MP Bullet IP-Camera 2.8~12mm
GU-CI-AP4634T

GRUNDIG

Type: Bullet - IP - Camera
Item Code: GU-CI-AP4634T
EAN CODE: 4260573064885

SMART

The SMART product line offers comprehensive coverage of modern video systems with advanced AI analysis and solutions for various application areas.
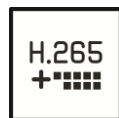
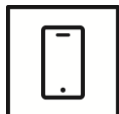## Highlights

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.

Smartphone App

The mobile application was developed to facilitate operators in effectively controlling and managing video systems remotely, at any time. It allows for live image viewing, playback of recorded video data, and receipt of remote notifications.

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

- Built-in Speaker
- Built-in microphone
- Excellent low-light performance

NDAA compliant

GRUNDIG Security's SMART line is fully compliant with the National Defense Authorization Act (NDAA), which prohibits U.S. federal agencies and their partners from using video surveillance and telecommunications equipment or services from certain Chinese companies. This law is part of the John S. McCain NDAA and is effective August 2020.
With our SMART product line, you can be confident that your security system complies with this important regulation. Our products meet the highest standards of quality and reliability, providing you with the security you need to protect your assets and personnel.

Specifications GU-CI-AP4634T

Camera	
Image Sensor:	1/1.8" progressive Scan CMOS
Video Resolution:	2560 x 1440
Sensitivity Colour:	0.0005 Lux
Sensitivity B/W:	0 Lux LED IR on
Shutter Speed:	1/5 ~ 1/20000 s
Slow Shutter:	Support
White Balance:	Auto , Manual
Lens	
Lens Focal Length:	2.8 ~ 12 mm motorized, autofocus
Iris F-Number:	F1.2
Lens Drive Type:	Fixed Iris
Field of View:	115° ~ 48° (horizontal), 59° ~ 27° (vertical), 141° ~ 55° (diagonal)
Illuminator	
Max. IR Distance:	Up to 50 m
White Light Distance:	Up to 30 m
Video	
Col/B&W:	Auto, IR-cut filter removable (ICR)
Wide Dynamic Range:	120 dB
Image Enhancement:	BLC, 3D DNR, Defog, HLC
Image Settings:	Corridor mode, Saturation, Brightness, Contrast, Sharpness and white balance adjustable by client software or web browser
Day/Night Switch:	Support auto, scheduled
Audio	
Audio Detection:	Detects unusual noises: dogs barking, babies crying, gunshots, sudden sound increase and decrease
Network	
Functions:	One-key reset, anti-flicker, three streams, mirror, password protection, privacy mask, IP-address filter
Video Compression:	H.264, H.264+, H.265, H.265+ , MJPEG
Bit Rate:	128 Kbps to 8 Mbps
SD Memory:	Built-in Micro SD, SDHC, SDXC slot from 32 up to 256 GB

Network

Frame Rate:	Main Stream 50 Hz: 25 fps (2560 × 1440, 2304x1296, 1920 × 1080) 60 Hz: 30 fps (2560 × 1440,2304x1296, 1920 × 1080) Sub Stream 50 Hz: 25 fps (1920x108, 640x480) 60 Hz: 30 fps (1920x108, 640x480) 3. Stream 50 Hz: 25 fps (640 × 480, 320 × 240) 60 Hz: 30 fps (640 × 480, 320 × 240)
Network Protocol:	TCP/IP, IPv4/IPv6, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, PPPoE, SNMP
Cyber Security:	Different password levels, password protection, complicated password, HTTPS encryption, digest authentication for HTTP/HTTPS , IP address filter, WSSE and digest authentication for ONVIF, RTP/RTSP over HTTPS, control timeout settings, security audit log, 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.

I/O Interface

Audio Input/Output:	1-ch audio input and 1-ch audio output
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Microphone and Loudspeaker:	Built in
Alarm Input/Output:	1, 1
Network Interface:	1x 10, 100 Base T, TX PoE (RJ-45)

Intelligent Functions

Motion Detection:	On, Off, Area Setting, Sensitivity
People & Vehicle Detection:	Adjustable whether people, motorized or non-motorized vehicles should be detected.
Intrusion Detection:	People, motorized vehicles or non-motorized vehicles, enter, exit or drive over a predefined virtual area, up to 4 rules are supported
Line Crossing:	People, motorized vehicles or non-motorized vehicles cross a pre-defined virtual line, up to 4 rules are supported
Object Removal:	Detects objects left over or lost in the pre-defined region such. In this case an alarm notification or signal will be sent automatically and in real time.
Object Counting:	Entrance and Exit object number is accounted and showed on screen in real time
Face Detection:	Face recognition in real time and instantly match them against a watchlist
License Plate Recognition:	Detects and recognizes car number plates. (Data- import- export function, actions can be triggered via the allowed, blocked and other list, only supported with insert SD-Card).
Heat Map:	Visualizes the number of people in the surveillance area over a period of time with a simple and user-friendly color scheme
Queue Length Detection:	Counts people in a predefined area and measures service time. The area, the maximum number of people in it and the maximum service time can be set
Crowd Density Detection:	Counts people in a predefined area. The area, the maximum number of people in it can be set
Limits of intelligent functions:	Only one of the AI functions can be selected at a time
Event Source:	Video tampering, network disconnected, IP address conflicted, motion, various AI functions, sudden audio increase-decrease
Event Action:	Send e-mail, trigger alarm output, push notification for GSVM App and C-WERK, upload to FTP/Cloud, trigger HDD recording and/or image capture, show message on screen, PTZ linkage, voice prompt, buzzer

Approvals

Protection Rating:	IP67 (IEC 60529-2013), IK10 (IEC 62262:2002)
Regulation:	CE, FCC, RoHS Compliant
Standard:	ONVIF (Profile S, Profile G, Profile T), SDK/API

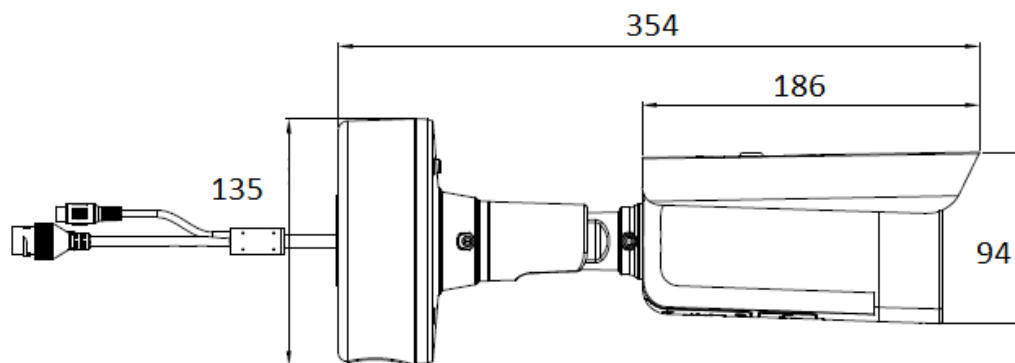| Environmental	
Operating Temperature:	-35 °C ~ 60 °C (-31 °F ~ 140 °F)
Humidity:	Less than 95%, non condensing
Electrical	
Supply Voltage:	12 VDC, PoE (IEEE 802.3af)
Power Consumption:	Max. 9.5 W
Mechanical	
Mount:	Pan: 0° to 360°, tilt: 0° to 90°, rotation: 0° to 360°, 3-Axis Adjustment
Dimensions:	Ø 135 x 354 mm (Ø 5.3 x 13.94 inch)
Weight:	1890 g (4.17 lb)
Packaging	
Package Dimensions:	415 x 168 x 173 mm (16.33 x 6.61 x 6.81")
Package Weight:	2300 g (5.1 lbs)
Packaging Unit:	6
Bulk Package Dimensions:	0
Bulk Package Weight:	0

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.

Environmentally friendly packaging

Our environmentally friendly packaging with less colour print is made from 100% recyclable material. To save resources, our detailed operating instructions are available online for download. The quick reference guides that come with the devices are printed on 100% recycled paper.