5 MP Mini Fixed Dome IP-Camera 2.8 mm GU-CI-AC5617W







Type: Fixed Dome - IP - Camera Item Code: GU-CI-AC5617W EAN CODE: 4260573065011

SMART

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

Highlights



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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.

Object 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.

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.

Deep Learning

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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.

Smart Line

In addition to the usual reliability, the SMART product line from GRUNDIG Security offers numerous image analysis functions, supported by artificial intelligence (AI). For example, use the LPR function to recognize license plates or facial recognition to identify people. Or reduce the number of false alarms by classifying objects as 'Vehicle', 'Person' or 'Other'. GRUNDIG Security's SMART cameras are able to detect people in crowds, count the number of heads and measure the length of queues, e.g. B. to be determined in the checkout area. In this way, they help you to use your resources optimally. They also inform you if unauthorized people cross predefined lines or enter certain areas.

Features

- Reduction of unwanted alarms (false alarms) by classifying target objects using deep learning algorithms. This significantly reduces false alarms generated by objects other than people or vehicles. This makes finding events easier and saves hard drive capacity
- Many AI functions integrated such as face detection, intrusion detection, object counting, queues, heat map and much more

• Built-in microphone



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-AC5617W

| Camera Image Sensor: 1/2.7" progressive Scan CMOS Video Resolution: 2880 x 1620 Sensitivity Colour: 0.004 Lux @ F1.6 (AGC ON) Sensitivity D/W: 0 Lux LED IR on Shutter Speed: 1/5 ~ 1/20000 s Slow Shutter: Support White Balance: Auto, Manual Lens Filed of View: Tris F-Number: F1.6 Lens Drive Type: Fiked Iris Field of View: 110" (horizontal), 58" (vertical), 133" (diagonal) Illuminator Max. IR Distance: Video Col/8&W: Cal/8&W: Auto, IR-cut filter removable (ICR) Wide Dynamic Range: 120 dB Image Enhancement: BLC, 3D DNR, HLC Image Settings: Corirdor mode, Saturation, Brightness, Contrast, Sharpness and white balance adjustable by client software or web browser Day/Night Switch: Support auto, scheduled, day, night Privacy zones: 4 zones, rectangle Audio Detection: Detects unusual noises: dogs barking, babies crying, gunshots, sudden sound increase and decrease Frame Rate Sol Hz: 25 fps (1280 x 720, 640 x 480, 320 x 240) Sol Hz: 30 fps (1280 x 720) | | | |
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| AudioAudio Detection:Detects unusual noises: dogs barking, babies crying, gunshots, sudden sound increase and decreaseFrame RateMain Stream:50 Hz: 25 fps (2880 x 1620, 2560 x 1440, 2304 x 1296, 1920 x 1080, 1280 x 720) 60 Hz: 30 fps (2880 x 1620, 2560 x 1440, 2304 x 1296, 1920 x 1080, 1280 x 720)Sub- Stream:50 Hz: 25 fps (1280 x 720, 640 x 480, 320 x 240) 60 Hz: 30 fps (1280 x 720, 640 x 480, 320 x 240) 60 Hz: 25 fps (640 x 480, 320 x 240) 60 Hz: 25 fps (640 x 480, 320 x 240)NetworkFunctions:One-key reset, anti-flicker, three streams, mirror, password protection, privacy mask, IP-address filter | Day/Night Switch: | Support auto, scheduled, day, night | |
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| decrease Frame Rate Main Stream: 50 Hz: 25 fps (2880 x 1620, 2560 x 1440, 2304 x 1296, 1920 x 1080, 1280 x 720) 60 Hz: 30 fps (2880 x 1620, 2560 x 1440, 2304 x 1296, 1920 x 1080, 1280 x 720) 60 Hz: 30 fps (1280 x 720, 640 x 480, 320 x 240) 60 Hz: 30 fps (1280 x 720, 640 x 480, 320 x 240) 60 Hz: 30 fps (1280 x 720, 640 x 480, 320 x 240) 60 Hz: 25 fps (640 x 480, 320 x 240) 60 Hz: 25 fps (640 x 480, 320 x 240) 60 Hz: 25 fps (640 x 480, 320 x 240) Network Image: Stream in the str | Audio | | |
| Main Stream: 50 Hz: 25 fps (2880 x 1620, 2560 x 1440, 2304 x 1296, 1920 x 1080, 1280 x 720) Sub- Stream: 50 Hz: 25 fps (1280 x 720, 640 x 480, 320 x 240) Sub- Stream: 50 Hz: 25 fps (1280 x 720, 640 x 480, 320 x 240) Stream: 50 Hz: 25 fps (640 x 480, 320 x 240) Sub- Stream: 50 Hz: 25 fps (640 x 480, 320 x 240) Stream: 50 Hz: 25 fps (640 x 480, 320 x 240) Stream: 50 Hz: 25 fps (640 x 480, 320 x 240) Main Stream: 50 Hz: 25 fps (640 x 480, 320 x 240) Stream: 50 Hz: 25 fps (640 x 480, 320 x 240) Stream: 50 Hz: 25 fps (640 x 480, 320 x 240) Stream: 50 Hz: 25 fps (640 x 480, 320 x 240) Stream: 50 Hz: 25 fps (640 x 480, 320 x 240) Stream: 50 Hz: 25 fps (640 x 480, 320 x 240) Stream: 50 Hz: 25 fps (640 x 480, 320 x 240) Stream: 50 Hz: 25 fps (640 x 480, 320 x 240) Stream: 50 Hz: 25 fps (640 x 480, 320 x 240) Stream: 50 Hz: 25 fps (640 x 480, 320 x 240) Stream: 50 Hz: 25 fps (640 x 480, 320 x 240) Stream: 50 Hz: 25 fps (50 Hz; 25 fps (50 Hz; 25 H | Audio Detection: | | |
| 60 Hz: 30 fps (2880 x 1620, 2560 x 1440, 2304 x 1296, 1920 x 1080, 1280 x 720) Sub- Stream: 50 Hz: 25 fps (1280 x 720, 640 x 480, 320 x 240) 60 Hz: 30 fps (1280 x 720, 640 x 480, 320 x 240) 50 Hz: 25 fps (640 x 480, 320 x 240) 8 ream: 50 Hz: 25 fps (640 x 480, 320 x 240) 60 Hz: 30 fps (1280 x 720, 640 x 480, 320 x 240) 60 Hz: 25 fps (640 x 480, 320 x 240) 8 retwork 50 Hz: 25 fps (640 x 480, 320 x 240) Functions: 0ne-key reset, anti-flicker, three streams, mirror, password protection, privacy mask, IP-address filter | Frame Rate | | |
| 60 Hz: 30 fps (1280 x 720, 640 x 480, 320 x 240) 3rd Stream: 50 Hz: 25 fps (640 x 480, 320 x 240) 60 Hz: 25 fps (640 x 480, 320 x 240) Network Functions: One-key reset, anti-flicker, three streams, mirror, password protection, privacy mask, IP-address filter | Main Stream: | | |
| 60 Hz: 25 fps (640 x 480, 320 x 240) Network Functions: One-key reset, anti-flicker, three streams, mirror, password protection, privacy mask, IP-address filter | Sub- Stream: | | |
| Functions: One-key reset, anti-flicker, three streams, mirror, password protection, privacy mask, IP-address filter | 3rd Stream: | | |
| filter | Network | | |
| Video Compression: H.264, H.264+, H.265, H.265+ , MJPEG | Functions: | | |
| | Video Compression: | H.264, H.264+, H.265, H.265+ , MJPEG | |

5 MP Mini Fixed Dome IP-Camera 2.8 mm

GU-CI-AC5617W



| Network | |
|----------------------------------|---|
| Bit Rate: | 256 Kbps to 8 Mbps |
| SD Memory: | Built-in Micro SD, SDHC, SDXC slot from 32 up to 256 GB |
| 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: | Built-in microphone |
| Network Interface: | 1x 10, 100 Base T (Ethernet), TX (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: | Cross a pre-defined virtual line with target classification Pedestrian, Motor vehicle and non- motozed Vehicle. 4 different rules can be configured. |
| 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: | People, motorized vehicles, non-motorized vehicles or other movements are counted when crossing a virtual line and the result is displayed on the screen in real time |
| Face Detection: | Human face appears in the image can be detected and trigger event action |
| 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, notify surveillance C-WERK, upload to FTP/NAS, trigger SD- card recording and/or image capture. |
| Approvals | |
| Protection Rating: | IP67 (IEC 60529-2013), IK08 (IEC 62262:2002) |
| Regulation: | CE, EAC, FCC, RoHS Compliant |
| Standard: | ONVIF (Profile S, Profile G, Profile T, Profile M), SDK/API |
| Environmental | |
| Operating Temperature: | -35 °C ~ 60 °C (-31 °F ~ 140 °F) |
| Humidity: | Less than 90%, non condensing |
| Electrical | |
| Supply Voltage: | POE (IEEE 802.3af) |
| Power Consumption: | Max. 4 W |

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5 MP Mini Fixed Dome IP-Camera 2.8 mm

GU-CI-AC5617W

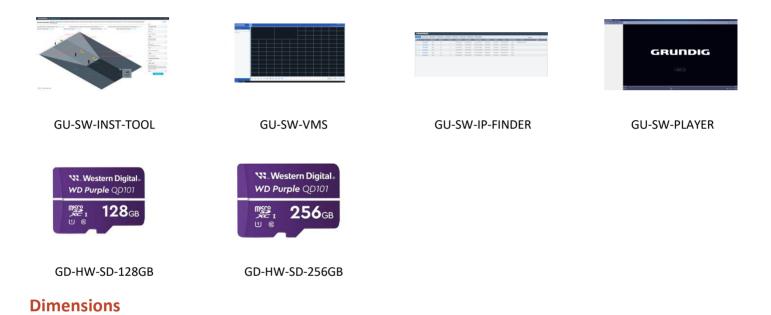
| 517W | | |
|-----------|-------------------------|--|
| | | |
| Ø 115 × | 54mm (Ø 4.5 × 2.5 inch) | |
| 260 g (0. | 57 lb) | |
| | | |

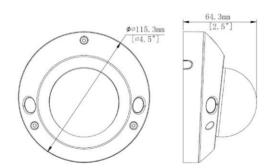
Packaging

Mechanical Dimensions: Weight:

| Package Dimensions: | | 150 x 150 x 100 mm (5.9 x 5.9 x 3.9 inch) |
|--------------------------|-----------------|---|
| | Package Weight: | 400 g (0.9 lbs) |
| | Packaging Unit: | 20 |
| Bulk Package Dimensions: | | 520 x 315 x 315 mm (20.47 x 12.4 x 12.4 inch) |
| | Package Weight: | 9000 g (19.8 lbs) |

Accessories





Guarantee

All cameras in the "SMART", "PRO" and "PREMIUM" product lines have an extended warranty period of 5 years on electronic parts,

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Guarantee

mechanical wear and tear on moving parts is not included. Please note our general delivery terms and conditions.