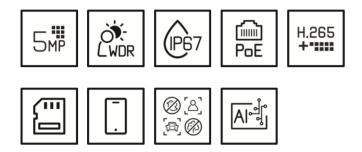
Camera I IP I Turret

GRUNDIG

GU-CI-AC5617E

5 MP Turret IP-Camera 2.8mm



• 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
- 3 Axis Gimbal for wall and ceiling mount
- NDAA compliant



SMART

• Product Line SMART: These products cover most applications of modern video systems plus advanced AI analytics

Item Code: GU-CI-AC5617E

[®]Abetechs GmbH (Grundig Security), Düsseldorf, Germany

EAN CODE: 4260573063833

grundig-security.com Page 1 of 4



Specifications GU-CI-AC5617E

Camera Id2.87 progressive Scan CMOS Video Resolution: 2880 x 1620 Sensitivity Colour: 0.004 Lux @ F1.6 (AGC ON) Sensitivity Colour: 0.004 Lux @ F1.6 (AGC ON) Sensitivity Golour: 0.004 Lux @ F1.6 (AGC ON) Shutter Speed: 1/5 * 1/20000 s Shutter: Support White Balance: Auto, Manual Lens Filed Origon and Color and		
Video Resolution:2880 x 1620Sensitivity Colour:0.004 Lux @ F1.6 (AGC ON)Sensitivity B/W:0 Lux LED IR onShutter Speed:1/5 ~ 1/20000 sSlow Shutter:SupportWhite Balance:Auto , ManualLens Focal Length:Lins Focal Length:F1.6Lens Drive Type:F1.6 (digonal)Field of View:10° (horizontal), S8° (vertical), 132° (diagonal)HuminatorKar. R. Distance:Up to 30 mVideoCol/B&W:Auto, IR-cut filter removable (ICR)Mike Dynamic Range:120 do 0/ OffImage Enhancement:BLC, 30 DNR, HLCImage Settings:Corridor mode, Saturation, Brightness, Contrast, Sharpness and white balance adjustable by cellent software or web browserDay/Night Switch:Support auto, scheduled, day, night, ImageAudioDetects unusual noises: dogs barking, babies crying, gunshots, sudden sound increase and decreaseNetworkVideo Compression:Huch One-key reset, anti-flicker, three streams, mirror, password protection, privacy mask, IP-address filterVideo Compression:H.264, H.265, H.265, H.265 +, MIPEGBit Rate:256 Kbps to 8 MbpsSD Memory:Built-in Mircr SD, SDHC, SDX slot from 32 up to 256 GBFrame Rate:Main Stream SD Hz: 25 fps (2480x1620, 2560x1440, 230x410) and Stream SD Hz: 25 fps (240x480, 320x240) and Stream SD Hz: 25 fps (240x480, 320x240) and Stream SD Hz: 25 fps (640x480, 320x240) and Stream SD Hz: 25 fps (640x480, 320x240) and Stream SD Hz: 25 fps (640x480, 320x240)<	Camera	
Sensitivity Colour: 0.004 Lux @ F1.6 (AGC ON) Sensitivity B/W: 0 Lux LED IR on Shutter Speed: 1/5 ~ 1/2000 s Slow Shutter: Support White Balance: Auto, Manual Lens Auto, Manual Lens File A Lens Focal Length: 2.8 mm Iris F-Number: F1.6 Eens Torie Type: Fiked Iris Field of View: 110° (horizontal), 58° (vertical), 132° (diagonal) Illuminator Max. IR Distance: Video Video Col/8&W: Auto, IR-cut filter removable (ICR) Wide Dynamic Range: 120 dB On/ Off Image Enhancement: BLC, 3D DNR, HLC Image Extings: Corridor mode, Saturation, Brightness, Contrast, Sharpness and white balance adjustable by client software or web browser Day/Night Switch: Support auto, scheduled, day, night, Image Audio Detects unusual noises: dogs barking, babies crying, gunshots, sudden sound increase and decrease Video Compression: H:264, H:264+, H:265, H:265+, MIPEG Bit Rate: 256 Kbps to 8 Mbps SD Memory: Built-in Micro SO, SDHC, SDXC Solt from 32 up to 256 GB	Image Sensor:	1/2.7" progressive Scan CMOS
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White Balance: Auto, Manual Lens 2.8 mm Lens Focal Length: 2.8 mm Iris F-Number: F1.6 Lens Drive Type: Fixed Iris Field of View: 110° (horizontal), 58° (vertical), 132° (diagonal) Illuminator Illuminator Max. IR Distance: Up to 30 m Video Video Col/B&W: Auto, IR-cut filter removable (ICR) Wide Dynamic Range: 120 dB On/ Off Image Enhancement: BLC, 3D DNR, 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, day, night, Image Audio Detects unusual noises: dogs barking, babies crying, gunshots, sudden sound increase and decrease Network Iter Video Compression: H.264, H.264, H.264, H.264, H.264, H.264, H.264, J.202, StoX slot from 32 up to 256 GB Bit Rate: So So Memory: So Memory: Mult-in Micro SD, SDHC, SDXC slot from 32 up to 256 GB Frame Rate: Main Stream 50 Hz: 25 fps (2880x1620, 2560x1440, 2304x1296, 1920 x 1080, 1280x720) 60 Hz: 30 fps (1280 x 720, 604x	Shutter Speed:	1/5 ~ 1/20000 s
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client software or web browserDay/Night Switch:Support auto, scheduled, day, night, ImageAudioAudio Detection:Detects unusual noises: dogs barking, babies crying, gunshots, sudden sound increase and decreaseNetworkFunctions:One-key reset, anti-flicker, three streams, mirror, password protection, privacy mask, IP-address filterVideo Compression:H.264, H.264+, H.265, H.265+, MJPEGBit Rate:256 Kbps to 8 MbpsSD Memory:Built-in Micro SD, SDHC, SDXC slot from 32 up to 256 GBFrame Rate:Main Stream 50 Hz: 25 fps (2880x1620, 2560x1440, 2304x1296, 1920 x 1080, 1280x720) 60 Hz: 30 fps (1280 x 720, 640x480, 320x240) 60 Hz: 30 fps (1280 x 720, 640x480, 320x240) 60 Hz: 25 fps (640x480, 320x240) 60 Hz: 25 fps (640x480, 320x240) 60 Hz: 25 fps (640x480, 320x240)Network Protocol:TCP/IP, IPv4/IPv6, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, PPPoE,	Image Enhancement:	BLC, 3D DNR, HLC
AudioAudio Detection:Detects unusual noises: dogs barking, babies crying, gunshots, sudden sound increase and decreaseNetworkFunctions:One-key reset, anti-flicker, three streams, mirror, password protection, privacy mask, IP-address filterVideo Compression:H.264, H.264+, H.265, H.265+, MJPEGBit Rate:256 Kbps to 8 MbpsSD Memory:Built-in Micro SD, SDHC, SDXC slot from 32 up to 256 GBFrame Rate:Main Stream 50 Hz: 25 fps (2880x1620, 2560x1440, 2304x1296, 1920 x 1080, 1280x720) 60 Hz: 30 fps (2880x1620, 2560x1440, 2304x1296, 1920 x 1080, 1280x720) 2. Stream 50 Hz: 25 fps (1280 x 720, 640x480, 320x240) 60 Hz: 30 fps (1280 x 720, 640x480, 320x240) 60 Hz: 25 fps (640x480, 320x240)Network Protocol:TCP/IP, IPv4/IPv6, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, PPPoE,	Image Settings:	
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filterVideo Compression:H.264, H.265, H.265+, MJPEGBit Rate:256 Kbps to 8 MbpsSD Memory:Built-in Micro SD, SDHC, SDXC slot from 32 up to 256 GBFrame Rate:Main Stream 50 Hz: 25 fps (2880x1620, 2560x1440, 2304x1296, 1920 x 1080, 1280x720) 60 Hz: 30 fps (2880x1620, 2560x1440, 2304x1296, 1920 x 1080, 1280x720) 2. Stream 50 Hz: 25 fps (1280 x 720, 640x480, 320x240) 60 Hz: 30 fps (1280 x 720, 640x480, 320x240) 60 Hz: 25 fps (640x480, 320x240) 60 Hz: 25 fps (640x480, 320x240)Network Protocol:TCP/IP, IPv4/IPv6, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, PPPoE,	Network	
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Frame Rate: Main Stream 50 Hz: 25 fps (2880x1620, 2560x1440, 2304x1296, 1920 x 1080, 1280x720) 60 Hz: 30 fps (2880x1620, 2560x1440, 2304x1296, 1920 x 1080, 1280x720) 2. Stream 50 Hz: 25 fps (1280 x 720, 640x480, 320x240) 60 Hz: 30 fps (1280 x 720, 640x480, 320x240) 3. Stream 50 Hz: 25 fps (640x480, 320x240) 60 Hz: 25 fps (640x480, 320x240) Network Protocol: TCP/IP, IPv4/IPv6, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, PPPoE,	Bit Rate:	256 Kbps to 8 Mbps
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	Frame Rate:	60 Hz: 30 fps (2880x1620, 2560x1440, 2304x1296, 1920 x 1080, 1280x720)2. Stream50 Hz: 25 fps (1280 x 720, 640x480, 320x240)60 Hz: 30 fps (1280 x 720, 640x480, 320x240)3. Stream50 Hz: 25 fps (640x480, 320x240)
	Network Protocol:	

Item Code: GU-CI-AC5617E

EAN CODE: 4260573063833

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Camera I IP I Turret



Network

Network	
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)
Regulation:	CE, EAC, 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 (802.3af)
Power Consumption:	Max. 5.5 W

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Camera I IP I Turret



Mechanical

Mount: Dimensions: Weight:

Pan: 0° to 360°, tilt: 0° to 90°, rotation: 0° to 360°, 3-Axis Adjustment
Ø 100 x 90 mm (Ø 3.9 × 3.53 inch)
420 g (0.93 lb)

Accessories:



GU-BR-AJX01

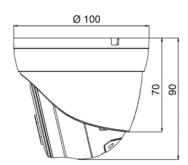




GU-BR-AJX02

GU-BR-AMW04

Dimensions:



Item Code: GU-CI-AC5617E

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08.02.2023 I Data subject to change without any notice

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