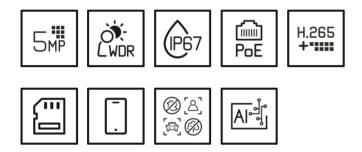
### Camera I IP I Turret

# 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

### <sup>®</sup>Abetechs GmbH (Grundig Security), Düsseldorf, Germany

### EAN CODE: 4260573063833

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# **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
Sensitivity B/W:O Lux LED IR onShutter Speed:1/5 ~ 1/20000 sSlow Shutter:SupportWhite Balance:Auto , ManualLensLens Focal Length:2.8 mmIris F-Number:F1.6Lens Drive Type:Fixed IrisField of View:110" (horizontal), 58" (vertical), 132" (diagonal)IlluminatorMax. IR Distance:Up to 30 mVideoCol/8&W:Col/8&W:Auto, IR-cut filter removable (ICR)Wide Dynamic Range:120 db 0n/ OffImage Enhancement:BLC, 3D DNR, HLCImage Settings:Corridor mode, Saturation, Brightness, Contrast, Sharpness and white balance adjustable by cilent software or web browserDay/Night Switch:Support auto, scheduled, day, night, ImageAudioEeters unsual noises: dogs barking, babies crying, gunshots, sudden sound increase and decreaseNetworkOne-key reset, anti-flicker, three streams, mirror, password protection, privacy mask, IP-address filterVideo Compression:H.264, H.264+, H.265, H.265+, MIPEGBit 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 (280x1620, 2560x1440, 2304x1296, 1920 x 1080, 1280x720) 60 Hz: 30 fps (2880x1620, 2560x1440, 2304x206, 1920 x 1080, 1280x720) 60 Hz: 35 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, PPPDE, <td>Video Resolution:</td> <td>2880 x 1620</td>	Video Resolution:	2880 x 1620
Shutter's peed:1/5 ~ 1/20000 sSlow Shutter:SupportWhite Balance:Auto , ManualLensEens Focal Length:Lens Focal Length:2.8 mmI'ris F-Number:F1.6Lens Drive Type:Fixed IrisField of View:110° (horizontal), 58° (vertical), 132° (diagonal)IlluminatorMax. IR Distance:Up to 30 mVideoCol/B&W:Auto, IR-cut filter removable (ICR)Wide Dynamic Range:120 dB On/ OffImage Enhancement:BLC, 30 DNR, HLCImage Settings:Corridro mode, Saturation, Brightness, Contrast, Sharpness and white balance adjustable by client software or web browserDay/Night Switch:Support auto, scheduled, day, night, ImageAudioAudioAudioVideo Compression:H.264, H.264, H.265, H.265, H.265+, MIPEGBit Rate:256 Kbps to 8 MbpsSD Demory:Built-In Micro SD, SDHC, SDXC slot from 32 up to 256 GBFrame Rate:Main Stream 50 Hz: 25 fps (2880x1620, 2560x1440, 230x240) 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)Network Protocol:TCP/IP, IPv4/IPv6, HTT, HTTPS, FTP, PDCP, DNC, DNS, NDR, RTP, RTSP, NTP, UPnP, SMTP, PPPDE,	Sensitivity Colour:	0.004 Lux @ F1.6 (AGC ON)
Slow Shufter:   Support     White Balance:   Auto, Manual     Lens   Lens Focal Length:   2.8 mm     Lens Focal Length:   2.8 mm     Irlis F-Number:   F1.6     Lens Drive Type:   Fixed Irlis     Field of View:   10° (horizontal), 58° (vertical), 132° (diagonal)     Illumitator   Illumitato:     Max. IR Distance:   Up to 30 m     Video   Auto, IR-cut filter removable (ICR)     Vide Dynamic Range:   120 dB 0n/ Off     Image Enhancement:   BLC, 3D DNR, HLC     Image Settings:   Cilens Software or web browser     Day/Night Switch:   Support auto, scheduled, day, night, Image     Audio Detection:   Support auto, scheduled, day, night, Image     Audio Detection:   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 Kops to 8 Mbps     So Memory:   Built-In Micro SD, SDHC, SDXC slot from 32 up to 256 GB     Frame Rate:   Main Stream 50 Hz: 25 fps (2880x1620, 2560x1440, 230x4120, 1920 x 1080, 1280x720) GO H:: 30 fps (21280 x 720, 640x480, 320x240) GO H:: 30 fps (21280	Sensitivity B/W:	0 Lux LED IR on
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
Lens   Social Length:   2.8 mm     Iris F-Number:   F1.6   F1.6     Lens Drive Type:   Fixed Iris   F1.6     Field of View:   110° (horizontal), 58° (vertical), 132° (diagonal)   F1.6     Illuminator   F1.6   F1.6   F1.6     Video   Up to 30 m   F1.6     Video   Auto, IR-cut filter removable (ICR)   F1.6     Wide Dynamic Range:   120 dB On/ Off   F1.6     Image Enhancement:   BLC, 3D DNR, HLC   F1.6     Image Enhancement:   BLC, 3D DNR, HLC   F1.6     Day/Night Switch:   Suport auto, scheduled, day, night, Image   Suport auto, scheduled, day, night, Image     Audio   Detects unusual noises: dogs barking, babies crying, gunshots, sudden sound increase and decrease   Gerease     Network   F1.64, H.264, H.265, H.265+ , MJPEG   F1.64     Bit Rate:   256 Kbps to 8 Mbps   SD Memory:   SD Memory:     Suitteram 50 Hz: 25 fps (1280 x720, 2560x1440, 2304x1296, 1920 x 1080, 1280x720) 60 Hz: 25 fps (1280 x720, 640x480, 320x240) 60 Hz: 25 fps (1280 x720, 640x480, 320x240) 60 Hz: 25 fps (640x480, 320x240) 60 Hz: 25 fps (640x480, 320x240) 60 Hz: 25 fps (640x480, 320x240)	Slow Shutter:	Support
Lens Focal Length:2.8 mmIris F-Number:F1.6Lens Drive Type:Fixed IrisField of View:110" (horizontal), 58" (vertical), 132" (diagonal)IlluminatorMax. IR Distance:Up to 30 mVideoCol/B&W:Auto, IR-cut filter removable (ICR)Wide Dynamic Range:120 dB On/ OffImage Enhancement:BLC, 3D DNR, HLCImage Settings:Corridor mode, Saturation, Brightness, Contrast, Sharpness and white balance adjustable by client software or web browserDay/Night Switch:Support auto, scheduled, day, night, ImageAudioAudio Detection:Audio Detection:Detects unusual noises: dogs barking, babies crying, gunshots, sudden sound increase and decreaseNetworkInterFunctions:One-key reset, anti-flicker, three streams, mirror, password protection, privacy mask, IP-address filterVideo Compression:H.264, H.265, H.265+, MJPEGBit Rate:256 KDs 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, HTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, PPPOE,	White Balance:	Auto , Manual
Iris F-Number:F1.6Lens Drive Type:Fixed IrisField of View:110° (horizontal), 58° (vertical), 132° (diagonal)IlluminatorMax. IR Distance:Up to 30 mVideoVideoCol/B&W:Auto, IR-cut filter removable (ICR)Wide Dynamic Range:120 dB On/ OffImage Enhancement:BLC, 3D DNR, HLCImage Settings:Corridor mode, Saturation, Brightness, Contrast, Sharpness and white balance adjustable by 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-filcker, three streams, mirror, password protection, privacy mask, IP-address 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, 2304x206, 1920 x 1080, 1280x720) 60 Hz: 30 fps (2880x1620, 2560x1440, 2304x206, 1920 x 1080, 1280x720) 60 Hz: 25 fps (1280 x 720, 640x480, 320x240) 60 Hz: 25 fps (640x480, 320x240) 60 Hz: 25 fps (640x480, 320x240) 61 Hz: 25 fps (640x480, 320x24	Lens	
Lens Drive Type:Fixed IrisField of View:110° (horizontal), 58° (vertical), 132° (diagonal)IlluminatorMax. IR Distance:Up to 30 mVideVideCol/B&W:Auto, IR-cut filter removable (ICR)Wide Dynamic Range:120 dB On/ OffImage Enhancement:BLC, 3D DNR, HLCImage Settings:Corridor mode, Saturation, Brightness, Contrast, Sharpness and white balance adjustable by client software or web browserDay/Night Switch:Support auto, scheduled, day, night, ImageAudioEetects unusual noises: dogs barking, babies crying, gunshots, sudden sound increase and decreaseNetworkInterVideo Compression:1.256, 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) c60 Hz: 30 fps (2880x1620, 2560x1440, 2304x2196, 1920 x 1080, 1280x720) c60 Hz: 30 fps (2880x1620, 2560x1440, 2304x2196, 1920 x 1080, 1280x720) c60 Hz: 30 fps (2880x1620, 2560x1440, 2304x2196, 1920 x 1080, 1280x720) c60 Hz: 30 fps (2880x1620, 2560x1440, 2304x2196, 1920 x 1080, 1280x720) c60 Hz: 30 fps (2880x1620, 2560x1440, 2304x2196, 1920 x 1080, 1280x720) c60 Hz: 25 fps (1280 x 720, 640x480, 320x240) c60 Hz: 25 fps (1280 x 720, 640x480, 320x240) c60 Hz: 25 fps (1280 x 720, 640x480, 320x240) c60 Hz: 25 fps (1280 x 720, 640x480, 320x240) c60 Hz: 25 fps (1280 x 720, 640x480, 320x240) c60 Hz: 25 fps (1280 x 720, 640x480, 320x240) c60 Hz: 25 fps (1280 x 720, 640x480, 320x240) c60 Hz: 25 fps (1280 x 720, 640x480, 320x240) c60 Hz: 25 fps (1280 x 720, 640x480, 320x240) c60 Hz: 25 fps (1280 x 720, 640x480, 320x240) c60 Hz: 25 fps (1280 x 7	Lens Focal Length:	2.8 mm
Field of View:110° (horizontal), 58° (vertical), 132° (diagonal)IlluminatorMax. IR Distance:Up to 30 mVideoVideoCol/B&W:Auto, IR-cut filter removable (ICR)Wide Dynamic Range:120 dB On/ OffImage Enhancement:BLC, 3D DNR, HLCImage Settings:Corridor mode, Saturation, Brightness, Contrast, Sharpness and white balance adjustable by cilent software or web browserDay/Night Switch:Support auto, scheduled, day, night, ImageAudioEtects unusual noises: dogs barking, babies crying, gunshots, sudden sound increase and dcreaseNetworkOne-key reset, anti-flicker, three streams, mirror, password protection, privacy mask, IP-address filterVideo Compression:H.264, H.264+, H.265+, JMJPEGBit Rate:256 Kbps to 8 MbpsSD Memory:Buillt-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, 320	Iris F-Number:	F1.6
Illuminator   Max. IR Distance: Up to 30 m   Video Col/B&W:   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 Functions:   Functions: One-key reset, anti-flicker, three streams, mirror, password protection, privacy mask, IP-address filter   Video Compression: H.264, H.264+, H.265+, M.3PEG   Bit Rate: 256 Kbps to 8 Mbps   SD Memory: Built-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, 640x480, 320x240) 60 Hz: 30 fps (1280 x 720, 640x480, 320x240) 60 Hz: 30 fps (1280 x 720, 640x480, 320x240) 60 Hz: 30 fps (1280 x 720, 640x480, 320x240) 60 Hz: 30 fps (1280 x 720, 640x480, 320x240) 60 Hz: 25 fps (640x480,	Lens Drive Type:	Fixed Iris
Max. IR Distance:Up to 30 mVideoCol/B&W:Auto, IR-cut filter removable (ICR)Wide Dynamic Range:120 dB On/ OffImage Enhancement:BLC, 3D DNR, HLCImage Settings:Corridor mode, Saturation, Brightness, Contrast, Sharpness and white balance adjustable by client software or web browserDay/Night Switch:Support auto, scheduled, day, night, ImageAudioExternal decreaseAudio Detection:Detects unusual noises: dogs barking, babies crying, gunshots, sudden sound increase and decreaseNetworkExternal filterFunctions:One-key reset, anti-flicker, three streams, mirror, password protection, privacy mask, IP-address 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 H2: 25 fps (1280 x 720, 640x480, 320x240) 60 H2: 30 fps (1280 x 720, 640x480, 320x240) 60 H2: 30 fps (1280 x 720, 640x480, 320x240) 60 H2: 35 fps (640x480, 320x240) 60 H2: 25 fps (640x480, 320x240)Network Protocol:TCP/IP, IPv4/IPv6, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, PPPoE,	Field of View:	110° (horizontal), 58° (vertical), 132° (diagonal)
VideoCol/B&W:Auto, IR-cut filter removable (ICR)Wide Dynamic Range:120 dB On/ OffImage Enhancement:BLC, 3D DNR, HLCImage Settings:Corridor mode, Saturation, Brightness, Contrast, Sharpness and white balance adjustable by client software or web browserDay/Night Switch:Suport auto, scheduled, day, night, ImageAudioEtects unusual noises: dogs barking, babies crying, gunshots, sudden sound increase and decreaseNetworkEtects unusual noises: dogs barking, babies crying, gunshots, sudden sound increase and decreaseVideo Compression:Dre-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 H2: 25 fps (2880x1620, 2560x1440, 2304x1296, 1920 x 1080, 1280x720) 60 H2: 30 fps (1280 x 720, 640x480, 320x240) 60 H2: 30 fps (1280 x 720, 6	Illuminator	
Col/B&W:Auto, IR-cut filter removable (ICR)Wide Dynamic Range:120 dB On/ OffImage Enhancement:BLC, 3D DNR, HLCImage Settings:Corridor mode, Saturation, Brightness, Contrast, Sharpness and white balance adjustable by client software or web browserDay/Night Switch:Support auto, scheduled, day, night, ImageAudioEtcsAudio Detection:Detects unusual noises: dogs barking, babies crying, gunshots, sudden sound increase and decreaseNetworkEtcsFunctions: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) 60 Hz: 30 fps (1280 x 720, 640x480, 320x240) 60 Hz: 25 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, PPDE,	Max. IR Distance:	Up to 30 m
Wide Dynamic Range:120 dB On/ OffImage Enhancement:BLC, 3D DNR, HLCImage Settings:Corridor mode, Saturation, Brightness, Contrast, Sharpness and white balance adjustable by 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)Network Protocol:TCP/IP, IPv4/IPv6, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, PPPOE,	Video	
Image Enhancement:BLC, 3D DNR, HLCImage Settings:Corridor mode, Saturation, Brightness, Contrast, Sharpness and white balance adjustable by 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 (2880x1620, 2560x1440, 2304x1296, 1920 x 1080, 1280x720) 60 Hz: 30 fps (2880x1620, 2560x1440, 2302x240) 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,	Col/B&W:	Auto, IR-cut filter removable (ICR)
Image Settings:Corridor mode, Saturation, Brightness, Contrast, Sharpness and white balance adjustable by client software or web browserDay/Night Switch:Support auto, scheduled, day, night, ImageAudioExampleAudio Detection:Detects unusual noises: dogs barking, babies crying, gunshots, sudden sound increase and decreaseNetworkEveryFunctions:One-key reset, anti-flicker, three streams, mirror, password protection, privacy mask, IP-address 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 (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,	Wide Dynamic Range:	120 dB On/ Off
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:	
Audio 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: 30 fps (1280 x 720, 640x480, 320x240) 60 Hz: 25 fps (640x480,	Day/Night Switch:	Support auto, scheduled, day, night, Image
NetworkFunctions: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,	Audio	
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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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SD Memory: Built-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 (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,	Video Compression:	H.264, H.264+, H.265, H.265+ , MJPEG
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
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)   60 Hz: 25 fps (640x480, 320x240)   70 Hz: 25 fps (640x480, 320x240)	SD Memory:	Built-in Micro SD, SDHC, SDXC slot from 32 up to 256 GB
	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

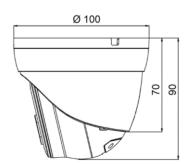




GU-BR-AJX02

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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