GEUTEBRÜCK

Bullet-IP-Camera

G-Cam/EWPC-2271

The high-resolution, 1080p FullHD megapixel IP bullet camera in a weather-protection housing with integrated wall bracket from the GEUTEBRUECK E2 series, with its modern Sony STARVIS Exmor R 1/2.9" 1080p CMOS image sensor, delivers brilliant, crisp images at image rates up to 30 fps under any conditions.

Compared to previous models, the STARVIS Exmor R CMOS image sensor provides two to three times greater sensitivity with reduced noise.

All details in the image are recorded at FullHD resolution and transferred with the H264CCTV compression method specially developed by GEUTEBRUECK for video security systems, ensuring seamless, professional video surveillance.

The integrated IR LED lighting provides sufficient lighting for optimal images, even in total darkness. In addition, the camera is easier to install due to the motorized remote adjustment of zoom and focus. The camera is prepared for the integration of various video analysis methods with extensive detection functions.

Recommended uses and applications

The G-Cam/EWPC-2271 bullet IP camera is ideal for use in interior and exterior areas of parking garages, logistics companies or production halls.

Product features

- FullHD resolution (1080p) with brilliant image quality due to increased image sensor sensitivity.
- Sony STARVIS technology specifically for use in low light conditions.
- H264CCTV compression format for professional video surveillance and optimal performance.
- Smooth playback in forward and reverse directions.
- Complete integration into all digital GEUTEBRUECK image recording systems.
- PoE or PoE+ also powers the internal heating without an additional power supply.
- Prepared for integration of various video analysis packages (VCA).

Technical data

Image sensor (Chip)	1/2,9" CMOS (SONY Starvis Exmor R)
Picture format	16:9, 4:3
Scanning system	Progressive scan
Mega pixel	2 MP (Full HD)
Minimum sensitivity	0.2 Lux (color), 0 Lux (B/W; IR LEDs on)
Day/Night function	Removable IR cut filter: On (Smart IR), Off, manual (0 ~ 255)
IR-LEDs and sensor	IR-LEDs (850 nm; 16 ea)
IR-LED visible range	max. 35 m
Wide Dynamic Range	True WDR (100 dB max.)
White balance	ATW1, ATW2, Push, manual, indoor, outdoor
Exposure	+ 1,0 ~ -1,0
Shutter	Automatic (1/30s ~ 1/10,000 s) / Manual (1/2 s ~ 1/5,000 s)
Slow Shutter	2x up to 16x
Back Light Compensation	On/Off; 5 designated zones choseable
Digitale Noise Reduction	automatic (adjustable level 0 ~ 15)
Flickerless	Normal, 50 Hz / 60 Hz
Defogging	On / Off
Text overlay	Yes; time stamp and text
Interface	10/100 Base-T
Languages on web page	English/Korean/Chniese
Mirror-Function	Horizontal / vertical, corridor view (+90˚ / -90˚)
Compression	H264CCTV (GEUTEBRÜCK) H.264 w/ VBR/CBR (Baseline, main, high profile; MPEG-4 Part 10/AVC), MJPEG
Picture rate (full resolution)	MJPEG: 30 fps; H.264: 30 fps
Resolutions in 16:9 format	from 320 x 180 up to 1920 x 1080 Pixel (8 steps)
Resolutions in 4:3 format	SXGA (1280 x 960) ~ QVGA (320 x 240)
Video Streaming	Dual Stream, configurable
Audio	1x In, 1x Out/G.711
Protocols	QoS Layer 3 DiffServ, TCP, UDP, HTTP, HTTPS, FTP, RTSP, RTCP, RTP/UDP, RTP/TCP, mDNS, SMTP, IGMP, DHCP, UPnP, NTP, DNS, DynDNS, SSLv2v3, SNMPv1/v2c/v3 (MIB-II), ICMP, TLSv1, SRTP, RTMP
ONVIF compatible	Profile S, Profile G
Network security	IP-Filter, HTTPS (SSL), IEEE802.1x
Motion detection	Yes; 8 zones freely configurable
VCA (analysis of video data)	Only with license packages
Alarm In/Output	1x In, 1x Out
Privacy masking	4 adjustable masking zones via web page
Picture Memory	µSD(HC) slot, up to 32 GB max.
Lens	f = 2.8 mm to 12.0 mm (variable), with remote-controlled zoom + focus; DC type
Auto Focus	Yes (One-Click-AF)
F-Stop	F1.4 (w) ~ F2.6 (t)
Angle of view	f = 2.8 mm / 90˚ (H) x 50˚ (V), f = 12.0 mm / 35˚ (H) x 20˚ (V)
Operating temperature	-40 ˚C to + 50 ˚C (@ 12 VDC or @ PoE)
Humidity in operation	85 % rel. humidity (non condensing)
Voltage supply	12 VDC or PoE+ (IEEE 802.3at, 30 W)
Power consumption	Max. 19 W @ 12 VDC (heater on, IR LEDs on)
IP class / vandalism proof	IP 66
Connectors	RJ-45 for 10/100 BASE-T Ethernet (full or half-duplex); 3.5 mm plug to the external power supply; 9-wire cable for audio in/out and DI/DO
Dimensions in mm (W x H x D)	86 x 83,5 x 280
Weight	Approx. 880 g
Certifications	FCC, CE, RoHS
Licensing	unit dependent (Gsc or G-Core)
Accessories	Heating installed, Plug-in power supply (12 VDC/3.5 A); BNC adapter cable (connection in the tube not for permanent operation!)
Optional accessories	G-Cam/PoE-Adapter-04 (5.03035) - PoE-Adapter, G-Cam/EPMA-004 (5.02082) - Pole mount adapter for E2, G-Cam/ECMA-002 (5.02083) - Corner mount adapter for E2, G-Cam/EJBX-001 (5.02090) - Junction box
Brand	GEUTEBRUCK
Order No.	5.02041

Technical alterations reserved

GEUTEBRÜCK GmbH

Im Nassen 7-9 · D-53578 Windhagen · Tel. +49 (0)2645 137-0 · Fax-999 · E-mail: info@geutebrueck.com · Web: www.geutebrueck.com