

360° IP camera with microphone in the G-Cam/E3 series G-Cam/EHC-3181



360° monitoring with integrated audio function.

Product features

- 360° hemispheric camera for indoor use.
- Built-in microphone for audio recording in the close vicinity of the camera.
- Surveillance at a resolution of up to 6 MP.
- 1/1.8" CMOS image sensor with progressive scanning.
- Low-distortion conversion of the 360° image into up to 4 individual streams / image areas ("dewarping" function).
- 2x FullHD 1080p resolution with 25 fps with a dual-split image area.
- Audio recordings can be stored on GEUTEBRUECK systems in the database.
- Nearly 100% coverage of the surveillance area.
- Virtual PTZ function for quad display.
- PoE, 12 VDC.
- Direct installation wiring without patch box.
- Cost-saving installation and easy maintenance.

Recommended uses and applications

The 360° hemispheric camera G-Cam/EFD-3181 makes indoor surveillance possible including audio surveillance.

Please note:

The use of cameras with a microphone is legally regulated and not permitted in all areas!

More at
www.geutebrueck.com



Technical data

Image sensor (Chip)	1/1.8" Sony Progressive CMOS
Picture format	1:1, 3:2, 4:3 (depends on dewarping type)
Scanning system	Progressive scan
Mega pixel (native/effective at BED)	6 MP / 2592 x 1944
Minimum sensitivity	0.04 Lux (color), 0.002 Lux (B/W)
Day/Night function	removable IR cut filter
IR-LEDs and sensor	IR-LEDs (850 nm; 4x)
IR-LED visible range	Max. 5 m
White balance	Auto / Manuell / ATW / One Push
Exposure	Automatic / Manual
Shutter (manual)	1 - 1/10,000 s
Back Light Compensation	On/Off
Digitale Noise Reduction	3D / 2D / Color NR
Interface	RJ45; 1 Gbps
Color / B/W switching	Auto/manual
OSD-Menu	English/German/French/Italian/Korean/Simplified Chinese/Traditional Chinese/Russian/Spanish/Japanese/Portuguese
Image presentation on webpage viewer (Front End Dewarping)	360°, 2x 180°, Quad, mixed, front end ePTZ (depends on the mounting position)
Image presentation (Back End Dewarping via G-Core)	360°, single viewer, 2x 180°, Quad (in G-Viewe only, webpage w/o dewarping!)
Compression	H.264, MJPEG
Picture rate (Dual Stream/FED, max. res.)	H.264: 4M @ 20 fps + 1080p @ 20 fps
Picture rate (single stream, FED)	H.264: 2048x2048/25 fps or MJPG: 1080p/25 fps
Resolutions (Front End Dewarping, FED)	2048x2048, 2048x1536, 1080p, 1600x1200, 960x960, 960x720, 960x544 (2streams max.!))
Resolutions (Back End Dewarping, BED)	2592x1944, 2048x1536, 1600x1200, 1280x960, 1024x768, 800x600, 640x480 (4 streams adjustable, but all smaller than 1080p)
Video Streaming	Dual Stream, configurable
Audio (clamping contacts)	1x In, 1x Out/G.711, G.726
Audio (hardware)	Microphone In, Speaker Out
Protocols	HTTP, HTTPS (TLS 1.2), TCP, FTP, RTSP, RTP, UDP, SMTP, SNMP, ICMP, IGMP, DHCP, UPnP, PPPoE, QoS, ONVIF, IPv4/v6, ARP, IEEE802.1X (SHA-2)
Motion detection	Yes
Alarm In/Output (clamping contacts)	1x In, 1x Out
Browser	Internet Explorer 6.0 and higher, Chrome, Firefox, Safari
Privacy masking	5 adjustable masking zones (8 colors)
Picture Memory	SD slot (µSDXC 64 GB support)
Lens	f = 1,6 mm (1/2 inch format)
F-Stop	F1.6
Angle of view	185° at 5 Mpixel
Operating temperature	- 10 °C to + 50 °C
Humidity in operation	10 - 90 % rel. humidity (non condensing)
Voltage supply	12 VDC or PoE (Standard)
Power consumption	8.1 W (12 VDC), 7.1 W (PoE)
Vandalism protection class	IK 10
Connectors	RJ-45 for 10/100/1000 Base/T Ethernet; clamping contacts for Alarm I/O; Audio In/Out; power supply 12 VDC via plug
Dimensions in mm (diameter x height)	117 x 55
Weight	Approx. 400 g
Certifications	FCC, CE, RoHS
Licensing	Licence (unit dependent; Gsc or G-Core)
Optional accessories	G-Cam/EBWM-007 (5.04742), G-Cam/EBDA-002 (5.04741) with G-Cam/EBWM-003 (5.04732) or G-Cam/EBTA-001 (5.04734) and G-Cam/BPE-001 (5.04862)
Brand	GEUTEBRÜCK

Technical changes and delivery options reserved.

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