

IR-Fix-Dome-IP-Camera G-Cam/EFD-3291



Product features

- Suitable for to use in and on vehicles
- 4MP resolution at 15fps or 3MP resolution at 30fps
- 2.8mm fixed focus lens
- Certified according to EN50155

Recommended uses and applications

The G-Cam/EFD-3291 Fixdome IP camera was developed for the use in mobile environments. The camera is EN50155 certified and equipped with an M12, 4 pin D-coded (male) connector. Operation is exclusively via PoE power supply. The high-resolution 1/3" 4 MP CMOS sensor ensures excellent image quality. Due to the integrated IR-LED illumination the camera delivers best image results even in dark environments. The lens with 2.8mm fixed focal length is equally well suited for indoor and off-vehicle applications.



Technical data

G-Cam/EFD-3291 25.06.2018

Image sensor	1/3" Progressive CMOS
Picture Format	16:9
Scanning system	Progressive scan
Mega pixel	4 MP (2688 x 1520), TV system w/o WDR
Minimum sensitivity	0,1 Lux (color) 0,01 Lux (B/W)
Day/Night function	Removeable IR-Cutfilter
IR-LED	850 nm; 4x
IR-LEDs visible range	max. 30 m
Wide Dynamic Range	Shutter WDR 120 dB max
White balance	Automatic / Manual / ATW / One Push
Exposure	Automatic / Manual
Shutter	1/1 s - 1/10.000 s
Back Light Compensation	On/Off (depends on TV system)
Digital Noise Reduction	2D/3D/Color (low/middle/high/off; with motion compensation)
OSD-Menu	English/German/French/Italian/Korean/Simplified Chinese/Traditional Chinese/Russian/Spanish/Japanese/Portuguese
Image rotation	Normal, Flip, Mirror H, 180° Rotation
Portrait/Corridor View (90°ccw)	Yes (stream dependent)
Compression	H.264, MJPEG
Picture rate (TV system w/o WDR; ISO+ off) Single Stream	Single Stream (H.264): 2688 x 1512 to 960 x 544, frame rates from 15 fps up to 60 fps max.; in sum 8 resolutions in 16:9 format each; Single Stream (MJPG): 1080p to 960 x 544, frame rates from 25 up to 60 fps max.; 5 resolutions in 16:9 format each
Picture rate (TV system w/o WDR; ISO+ off) Dual Stream	Dual Stream (H.264+H.264): Stream 1 with 2688 x 1512 to 960 x 544, frame rates from 15 fps up to 60 fps max.; in sum 7 resolutions in 16:9 format each; Stream 2 (H.264): 720p to 384 x 216, framerate 15 fps max. each; in sum 5 resolutions in 16:9 format
Stream parameter influences caused by	TV system with WDR: frame rate 30 fps max.; ISO + active: resolution and frame rates can be reduced; DSS active: limitation of streams through setting in E3 plugin
Video streaming	Single, Dual, Triple + Quad Stream, configurable
Protocols	HTTP, HTTPS (TLS 1.2), TCP, FTP, RTSP, RTP, UDP, SMTP, SNMP, ICMP, IGMP, DHCP, UPnP, PPPoE, UPnP, QoS, ONVIF, IPv4/v6, IEEE802.1X (SHA-2), IP filter
Motion detection	4 sets with 10 fields each
Privacy masking	5 adjustable masking zones (8 colors)
Browser	Internet Explorer 7.0 and higher, Chrome, Firefox, Safari
Picture memory	µSD slot 64 GB max.
Lens	f = 2.8 mm; with fixed focus
F-stop	F2.0
Angle of view	90.3° (H)
Camera angle adjustment range	Horizontal: 0° ~ 359° Vertical: 0° ~ 70° Rotation: +- 90°
Operating Temperature	- 10 °C to + 50 °C
Start-up temperature	- 20 °C to + 50 °C
Humidity in operation	10 - 90 % rel. humidity (non condensing)
Voltage supply	PoE (IEEE 802.3af)
Power consumption	2.6 W
IP class	IP 66
Housing material	Aluminum
Housing color	similar to RAL 9003 (white)
ONVIF compatible	Yes
Dimension	in mm (diameter x height) 117 x 84
Weight	Approx. 415 g
Certification	FCC, CE, RoHS, EN50155
Licensing	unit dependent (Gsc or G-Core)
Optional accessories	G-Cam/EBWM-007 (5.04742), Plastic wall mount G-Cam/EBDA-002 (5.04741), Adaptor in comb. with G-Cam/EBWM-003 (5.04732), Wall mount; or G-Cam/EBDA-002 (5.04741) in comb. with EBTA-001 (5.04734), screwing adaptor plus G-Cam/BPE-001 (5.04862), Bracket pole extension, G-Cam/EPMA-003 (5.04735) Mast adapter
Brand	Geutebrück
Order No.	5.04725

Technical changes and delivery options reserved.

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