

4K UHD Day/Night IP-Fixdome camera G-Cam/EFD-3410



Product features

- 4K Ultra HD resolution and high light sensitivity
- CMOS sensor with progressive scan
- True Day/Night mode (Retractable IR cut filter)
- Vandalism proof and suited for outdoor use IP66
- Multiple streaming and high frame rate: 20 fps @ Ultra HD in H.264 plus 20 fps @ Full HD
- Power over Ethernet (PoE IEEE802.3af), 12-48 VDC or 24 VAC
- 3.5-8 mm zoom/focus P-IRIS lens with remote control via browser
- Cost saving installation and servicing

Recommended uses and applications

The 4K UHD fix dome IP camera from the Geutebrück G-Cam/E3 series offers unprecedented detail accuracy for digital video surveillance. With its very high resolution of 8 mega pixel and its integrated P-IRIS zoom lens the camera allows to surveille large areas while providing all relevant picture details under all lighting conditions. The vandalism proof camera is suitable for outdoor usage, can be integrated into all G-Core based digital recorder systems from Geutebrück and shows up with an excellent cost-benefit perspective in its class. All relevant camera parameters can be controlled remotely via web browser for a quick and easy installation.



Technical data

G-Cam/EFD-3410_12.07.2018

Image sensor	1/1,7" Sony CMOS
Picture Format	16:9
Video output	Composite video: 1 Vpp, 75 Ohm (BNC)
Scanning system	Progressive scan
Mega pixel	8 MP (4K)
Minimum sensitivity	0.05 Lux (color) 0.005 Lux (B/W)
Day/Night function	Removable IR cut filter
Application area	Outdoor
Wide Dynamic Range	On / Off (standard) (< 90dB)
White balance	One Push / Manual ATW / AWB
Exposure	Automatic / Manual
Shutter	1 - 1/10,000 s
Back Light Compensation	On/Off (w/ motion compensation)
Digital Noise Reduction	2D/3D/ColorNR
OSD-Menu	English/German/French/Italian/Korean/Simplified Chinese/Traditional Chinese/Russian/Spanish/Japanese/Portuguese
Image rotation	Flip, Mirror H, 180° Rotation
Portrait/Corridor View (90°ccw)	90° counter-/clockwise
Compression	H.264, MJPEG
Picture rate (full resolution)	Dual Stream: H.264 3840 x 2160@20 fps plus H.264/MJPEG Full HD@20 fps; Single Stream: H.264 3840 x 2160@25/30 fps; MJPEG 1080p/60 fps
Resolutions (16:9 format only; DSS compatible)	H.264: 640x360 - 4K; MJPEG: 640x360 - 1080p
Picture rate	30 fps
Resolution	H.264: 640x360 - 4K; MJPEG: 640x360 - 1080p
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	Yes (On/Off/by schedule)
Privacy masking	5 Zones
Alarm In/Output	1x In (potential free), 1x Out (Photo relay 300 VDC/VAC, 70 mA)
Browser	Internet Explorer 6.0 and higher, Chrome, Firefox, Safari
Picture memory	SD slot for SDXC 64 GB with a SD card adaptor or a SD card directly
Lens	f = 3.5 mm to 8 mm (variable)
Digital zoom	x2 -x10
Auto focus	One-Touch-Function
F-stop	F1.45
Angle of view	"Wide: 116° (H) x 84° (V) Tele: 52° (H) x 30.7° (V)", f = 3.5 mm to 8 mm (variable)
Camera angle adjustment range	"Horizontal: 359° Vertical: 80° Rotation: -100° - +100°"
Operating Temperature	- 50 °C to + 50 °C (w heater)
Humidity in operation	10 - 90 % rel. humidity (non condensing)
Voltage supply	12-48 VDC/24 VAC or PoE (IEEE 802.3af compatible)
Power consumption	12 VDC-15 W / 24 VAC-13 W / PoE-12 W
IP class	IP 66
Housing material	Die cast aluminium
Housing color	Ivory
Vandalism proof	IK10
Audio	1x Line In, 1x Line Out/G.711, G.726, AAC, LPCM
Dimension	134 x 117 mm (Ø x H)
Weight	Approx. 725 g
Certification	FCC, CE, RoHS, LVD
Licensing	unit dependent (Gsc or G-Core)
Scope of delivery	Built-in heater (11.5 W@ cold start, in operation 3.0 W) camera in operation 5.6 W
Optional accessories	G-Cam/BNC-001 (5.04816) Video cable G-Cam/EBFC-005 (5.04736) False ceiling kit G-Cam/EBDA-003 (5.04738) Bracket to dome adapter G-Cam/BWM-001 (5.04864) Metal wall mount G-Cam/EBWM-006 (5.04739) Plastic wall mount G-Cam/EPMA-003 (5.04735) Pole mount adapter
Brand	Geutebrück
Order No.	5.03715

Technical changes and delivery options 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