GEUTEBRÜCK

4K UHD Fix Dome IP Camera
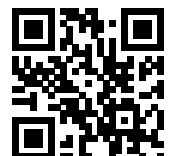### G-Cam/EFD-3430

Product features

- 4K Ultra HD resolution and high light sensitivity
- CMOS sensor with progressive scan
- True Day/Night mode (Retractable IR cut filter) plus IR illumination up to 50 m
- Vandalism proof and suited for outdoor use IP66
- Multiple streaming and high frame rate: 30 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 with integrated IR illumination 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.

www.geutebrueck.com

Technical data

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
IR-LED	850 nm
IR-LEDs visible range	max. 40 m
Application area	Outdoor
Wide Dynamic Range	WDR (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
Resolution	H.264: 640x360 - 4K; MJPEG: 640x360 - 1080p
Video streaming	Quad Stream
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
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)
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
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)
Optional accessories	Built-in heater (11.5 W@ cold start, in operation 3.0 W) 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.	5.03718