

# G-Cam/EBC-3310

## Box 4k UHD IP camera out of the G-Cam/E3-Series



## Product information

The 4K UHD IP box 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 the camera allows to surveille large areas while providing all relevant picture details. The camera 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. The automatic back focal adjustment offers additional comfort during setup and for sharp pictures at all times. With a picture rate of up to 30 fps @ H.264 combined with the integrated progressive scan 1/1.7"-CMOS image sensor all picture details are detected without compromise - for a professional, crystal sharp and gap free video surveillance. Besides a local voltage supply the camera can be powered centrally via PoE - for highest installation flexibility.

- Ultra HD 4K2K resolution and high light sensitivity
  - CMOS sensor with progressive scan
  - Auto Back Focus for easy adjustment and crystal sharp images
  - True Day/Night mode (Retractable IR cut filter)
  - Multiple streaming and high frame rate:  
30 fps @ Ultra HD in H.264
  - Power over Ethernet (PoE IEEE802.3af)  
12 VDC or 24 VAC

# Technical data

Image sensor (Chip)	1/1,7" Sony Progressive CMOS
Picture format	16:9
Video output (stream dependent)	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
Wide Dynamic Range	On / Off (standard)
White balance	One Push / Manual ATW / AWB
Exposure	Automatic / Manual
Shutter	1 - 1/10,000 s
Back Light Compensation	On/Off (w/ motion compensation)
Digitale Noise Reduction	2D/3D/ColorNR
Text overlay	Yes
Interface	Browser interface
Color / B/W switching	Auto/manual
B/W mode	Yes
OSD-Menu	English/German/French/Italian/Korean/Simplified Chinese/Traditional Chinese/Russian/ Spanish/Japanese/Portuguese
Mirror-Function	Flip, Mirror H/V, 180° Rotation
Portrait/Corridor View	Yes (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
Resolutions	H.264: QVGA - 4K; MJPEG: QVGA - Full HD
Video Streaming	Single, Dual, Triple + Quad Stream, configurable
Audio	1x In, 1x Out/G.711, G.726, AAC, LPCM
Protocols	HTTP, HTTPS, TCP, FTP, RTSP, RTP, UDP, SMTP, SNMP, ICMP, IGMP, DHCP, UPnP, PPPoE, UPnP, QoS, ONVIF, IPv4/v6, IEEE802.1X, IP filter
Access levels	Multiple user access levels with password protection
Network security	IP filtering
User Account	20
Motion detection	Yes (On/Off/by schedule)
Alarm In/Output	1x In, 1x Out
Browser	Internet Explorer 6.0 and higher, Chrome, Firefox, Safari
Privacy masking	5 adjustable masking zones (8 colors)
Data storage for set-up parameters	Internal non volatile storage and data transfer to PC
Picture Memory	SD slot for SDXC 64 GB
Lens mounting	CS-mount
Lens connection	DC lenses (AI-DC)
Auto Focus	Yes (One-Touch-Function auto back focus)
Digital zoom	x2 -x10
Operating temperature	- 10 °C to + 50 °C
Humidity in operation	10 - 90 % rel. humidity (non condensing)
Voltage supply	12 VDC/24 VAC or PoE (IEEE 802.3af compatible)
Power consumption	Max. 8.5 W
Connectors	RJ-45 for 10/100 BASE-T Ethernet; 4p connector for Alarm I/O; Audio In/Out; connector for external power supply; BNC connector for permanent analogue video output, SD card slot, lens connector
Dimensions in mm (W x H x D)	80 x 53 x 150
Weight	Approx. 395 g
Certifications	FCC, CE, RoHS
Software Option	unit dependent (G-Core/CamConnect 8.34020)
Brand	GEUTEBRÜCK
<b>Order No.</b>	<b>5.03710</b>

Technical alterations reserved

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