GEUTEBRÜCK

4 MP Fixdome Camera with IR-LED
G-Cam/EFD-4230

The Fixdome Camera with 4 MP resolution is suitable for outdoor use. Due to its compact design, which can be mounted both on the wall and on the ceiling, it is ideally protected against sabotage by twisting or violent impacts.

- Inconspicuous installation in stairwells.
- Non-rotating installation in underground garages.
- Outside or entrance areas.

- This Fixdome Camera is an optimal base-model with an excellent price/performance combination.

- Specially optimized image compression methods H.264CCTV / H.265 / H.265CCTV for low bandwidth with high quality.

- The integrated infrared LED lighting provides even in absolute darkness sufficient illumination at a distance of up to 40 meters for best image results.

- High Dynamic Range to improve the image quality of particularly dark or bright image areas.

- Supports the G-Core Edge Recording function thanks to the built-in MicroSD card slot for almost complete recording of camera images, even when the network connection is interrupted.

Technical Data

Image sensor	1/3" Progressive CMOS
Picture Format	16:9
Video output	Composite video: 1 Vpp, 75 Ohm (BNC)
Scanning system	Progressive scan
Pixel size	2 µm
Mega pixel	4 MP (2720 x 1536)
Minimum sensitivity	0.1 Lux (color), 0.01 Lux (B/W)
Day/Night function	Auto/Light on/Light Off/Day/Night/Light Sensor/Smart
IR-LED	IR-LEDs (850 nm, 8 ea)
IR-LEDs visible range	max. 40 m
Application area	Outdoor
Wide Dynamic Range	HDR (110 dB max.)
White balance	Auto/ATW/One Push/Manual
Exposure	Automatic / Manual
Shutter	1 - 1/10,000 s
Back Light Compensation	On/Off (when TV system is w/o WDR only)
Digital Noise Reduction	2D/3D/Color NR
Text overlay	Yes
Interface	10/100 Mbps Ethernet
OSD-Menu	English/German/French/Italian/Korean/Simplified Chinese/Traditional Chinese/Russian/Spanish/Japanese/Portuguese
Portrait/Corridor View (90°ccw)	0°, 90°, 180°, 270°
Compression	H.264/H264CCTV, H.265/H265CCTV, MJPEG
Picture rate (full resolution)	H.264/H264CCTV or H.265/H265CCTV w/ HDR: 4M@30fps + 2M@30fps (when TV System with WDR 30fps)
Picture rate	MJPEG: 25/30 fps (1080p; depends on TV system)
Resolution	16:9 formats only: 4M, 1080p, 720p, 960 x 544, 360p
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)
Motion detection	Yes, 4 sets with 40x30 fields each, free settable
Privacy masking	5 adjustable masking zones (8 colors, rectangles, free scalable)
Alarm In/Output	1x In (5 VDC/10 kOhm Pull Up Resistor, potential free), 1x Out (Photo Relais, pot.-free 300 VDC/AC max.)
Browser	Internet Explorer 11.0 and higher, Chrome, Firefox, Safari
Picture memory	µSD slot (128 GB max.)
Lens mounting	CS-Mount
Lens connection	DC lenses (AI-DC)
Lens	f = 3 mm to 9 mm (variable)
Digital zoom	x2 - x10
Auto Focus	Yes (One-Touch-Function)
F-stop	F1.3
Angle of view	Wide: 111° (H) x 60° (V) Tele: 35° (H) x 20° (V)
Camera angle adjustment range	Horizontal: 359° Vertical: 80° Rotation: -100° ~ +100°
Operating Temperature	- 30 °C to + 50 °C (w/o heater) - 40 °C to + 50 °C (w heater)
Humidity in operation	10 - 90 % rel. humidity (non condensing)
Voltage supply	12 VDC/24 VAC or PoE (IEEE 802.3af class 0 compatible)
Power consumption	Approx. 13.7 W @ 12 VDC/24 VAC
Audio	1x In, 1x Out/G.711, G.726, AAC, LPCM

ONVIF compatible	Profile S, G, Q
Access levels	Multiple user access levels with password protection
Network security	IP filtering
User Account	20
IP class / vandalism proof	IP 66 / IK10
Dimension	133,8 x 117,4 mm (Dia x H)
Weight	Approx. 760 g
Fan	No
Certification	FCC, CE, RoHS, LVD
Licensing	G-Core
Scope of delivery	Built-in heater
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.	5.03730