GEUTEBRÜCK

12 MP Fisheye Camera
G-Cam/EHC-4888

The Fisheye Camera with 12 MP resolution allows a 360 degree overview with only one camera and is suitable for outdoor use. The image representation can be rectified by means of the dewarping function in the camera, as well as in the Geutebrück software. Therefore whole rooms can be monitored with only one camera.

- This high-resolution wide-angle surveillance camera for outdoor wall and ceiling mounting covers an area of approx. 10 metres in diameter.
- The integrated infrared LED lighting provides even in absolute darkness sufficient lighting in up to 5 meters distance around.
- With the low-distortion conversion of the 360° image ("Dewarping" function), up to four freely positionable image sections can be divided into individual streams.
- Possibility of virtual pan-tilt zoom for a more detailed view of individual areas.
- Extended range of functions compared to ONVIF connection due to own G-Core plugin.

- All-round monitoring of rooms with only one camera.
- Suitable for smaller warehouses and production halls.

Technical Data

Mega pixel	12 MP
Image sensor	1/1,7" Progressive CMOS
Pixel size	1.85 μm
Picture Format	16:9
Lens	f = 1,65mm (Fisheye)
Lens mounting	CS-Mount
Auto Back Focus	No
F-Stop	F2,8
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	850 nm / 5m
Wide Dynamic Range	HDR (110 dB max.)
White balance	One Push, Manual, AWB, Smart, Smart Touch
Exposure	Automatic / Manual
Shutter	1 - 1/10,000 s
Backlight Compensation	No
Digital Noise Reduction	2D/3D/Color NR
Text overlay	Yes
Automatic gain control (AGC)	Automatic, Manual
Interface	1 Gbps
Color / B/W switching	Auto/manual
OSD Menu	English, German, French, Italian, Simplified Chinese, Traditional Chinese, Russian, Spanish, Japanese, Portugese
Image rotation	180°
Picture rate (full resolution)	H.264/H264CCTV or H.265/H265CCTV: 12M@20fps + 9M@30fps
Picture Rate	MJPEG: 1080p@30fps
Video Streaming	Single, Dual, Triple, Quad
Protocols	ARP, IPv4/v6; TCP/IP, UDP, RTP, RTPS, HTTP,HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ONVIF
Access levels	Multiple user access levels with password protection
Network security	User Authentication, IP-Filter, HTTPS (TLS1.2), IEEE802.1X (SHA-2)
User Account	20
Browser	Internet Explorer 11 and higher, Chrome, Firefox, Safari
ONVIF compatible	Profile S, G, Q, T conformant
Motion detection	4 Zones
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.
Audio	Line-in, Line-out, G.711, G.726, AAC, LPCM
Picture memory	μSD slot (128 GB max.)
Operating Temperature	- 30°C to + 55°C
Humidity in operation	10 - 90 % rel. humidity (non condensing)
Heater	No
Fan	No
Connectors	RJ-45 for 1 Gbps Ethernet; 4p connector for Alarm I/O; Audio In/Out; 2p connector for external power supply;
Voltage supply	12 VDC or PoE (IEEE 802.3af class 0 compatible)
Power consumption	9,9W@12VDC / 9,12W@PoE IEEE802.3af
Housing	Approx. 575g, Metal/Plastic

Dimensions in mm (Dia x L)	130 x 57,8
cable length (from socket) x diameter	approx. 28 cm
IP class / vandalism proof	IP 66 / IK10
Certification	FCC, CE, RoHS
Licensing	G-Core
Scope of delivery	with system cable mounted
Application area	Outdoor
Brand	Geutebrück
Order No.	5.04720