

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.
- Anti-twist mounting in parking garages.
- Outside or entrance areas.

!! Note: The article is now delivered without audio / analog video !!

- This Fixdome Camera is an optimal base-model with an excellent price/performance combination.
- Specially optimized image compression methods H.264/H264CCTV, H.265/H265CCTV, MJPEG 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

Mega pixel	4 MP
Effective pixels	2720x x1536
Image sensor	1/3" Progressive CMOS
Pixel size	2 µm
Picture Format	16:9
Lens	f = 3 mm to 9 mm (variable)
Auto Focus	Automatic, Manual, One Touch Function
F-Stop	F1.3
Digital zoom	x2 - x10
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°
Video output	Composite video: 1 Vpp, 75 Ohm (BNC)
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 / 40 m
Wide Dynamic Range	HDR (110 dB max.)
White balance	Auto, ATW, One Push, Manual
Exposure	Automatic / Manual
Shutter Time	1 - 1/10,000 s
Digital Noise Reduction	2D/3D/Color NR
Interface	10/100 Mbps Ethernet
OSD Menu	English, German, French, Italian, Korean, Simplified Chinese, Traditional Chinese, Russian, Spanish, Japanese, Portugese
Image rotation	0°, 90°, 180°, 270°
Compression	H.264/H264CCTV, H.265/H265CCTV, MJPEG
Picture rate (full resolution)	H.264/H.265 w/ HDR: 4M@30fps + 2M@30fps
Picture Rate	MJPEG: 1080p@30 fps
Video Streaming	Single, Dual, Triple, Quad
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)
Access levels	Multiple user access levels with password protection
Network security	IP filtering
User Account	20
Browser	Internet Explorer 11.0 and higher, Chrome, Firefox, Safari
ONVIF compatible	Profile S, G, Q, T
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	- 55 °C to + 55 °C (w heater)
Connectors	RJ-45 for 10/100 Base/T Ethernet, 4p connector for Alarm I/O, Audio In/Out, 3p connector for external power supply, BNC connector for analogue video output, SD card slot, lens connector
Voltage supply	12 VDC/24 VAC or PoE (IEEE 802.3af class 0 compatible)
Power Consumption	Approx. 13.7 W @ 12 VDC/24 VAC
Housing	133.8 mm x 117.4 mm / 760 g
IP class / vandalism proof	IP 66 / IK10

Certification	FCC, CE, RoHS, LVD
Licensing	G-Core
Application area	Outdoor
Brand	Geutebrück
Order No.	5.03730