

Full-HD Fixdome Camera G-Cam/EFD-2251



The Fixdome Camera in Full HD resolution is perfect 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. The lens including the surrounding infrared LEDs can be panned in one line and thus allows a fixed angle of 45°-90°, suitable for the respective environment.

- Inconspicuous installation in stairwells.
- Anti-twist installation in underground garages.
- Outside outside or entrance areas.

- Brilliant and clear 1080p Full HD resolution images due to the modern Sony STARVIS Exmor image sensor.
- Wide Dynamic Range for improving the image quality of particularly dark or bright image areas.
- The integrated infrared LED lighting provides even in absolute darkness enough lighting for optimal image results.
- Remote control of the lens by motorized zoom and focus control.
- Specially optimized image compression method H.264CCTV.
- Extended range of functions compared to ONVIF connection due to own G-Core plugin.

Technical data

Mega pixel	2 MP (Full HD)
Image sensor	1/2,9" Sony CMOS
Pixel size	17 µm
Picture Format	16:9
Lens	f = 2.8 mm to 12.0 mm (variable) w remote controllable zoom + focus
Lens mounting	CS-Mount
Auto Focus	Automatic, Manual, One Touch Function
F-Stop	F1.4 (w) ~ F2.6 (t)
Angle of view	f = 2.8 mm / 90° (H) x 50° (V) f = 12.0 mm / 35° (H) x 20° (V) f = 2.8 mm to 12.0 mm (variable) w remote controllable zoom + focus
Camera angle adjustment range	Horizontal: 0 - 355° Vertical: 0 - 80° Rotate: 355°
Minimum sensitivity	0.2 Lux (color) 0 Lux (B/W IR LEDs on)
Day/Night function	Removable IR cut filter: On (Smart IR) Off, manual (0 ~ 255)
IR-LED	850 nm / 35 m
Wide Dynamic Range	True WDR (100 db)
White balance	ATW, One Push, Manual
Exposure	+ 1,0 ~ -1,0
Shutter Time	Automatic (1/30s ~ 1/10,000 s) / Manual (1/2 s ~ 1/5,000 s)
Digital Noise Reduction	automatic (adjustable level 0 ~ 15)
OSD Menu	English, German, French, Italian, Korean, Simplified Chinese, Traditional Chinese, Russian, Spanish, Japanese, Portugese
Image rotation	0°, 90°, 180°, 270°
Compression	H264CCTV (Geutebrück) H.264 w/ VBR/CBR (Baseline, main, high profile; MPEG-4 Part 10/AVC), MJPEG
Picture rate (full resolution)	MJPEG: 30 fps, H.264: 30 fps
Resolution	640 x 360, 960 x 540, 1280 x 720, 1920 x 1080
Video Streaming	Single, Dual
Protocols	QoS Layer 3 DiffServ, TCP, UDP, HTTP, HTTPS, FTP, RTSP, RTCP, RTP/UDP, RTP/TCP, mDNS, SMTP, IGMP, DHCP, UPnP, NTP, DNS, DynDNS, SSLv2v3, SNMPv1/v2c/v3 (MIB-II) ICMP, TLSv1.2 (from V1.11.12.1) SRTP, RTMP
Network security	IP-Filter, HTTPS (SSL), IEEE802.1x
Motion detection	8 Zones
Privacy masking	4 Zones
Alarm In/Output	1x In, 1x Out
VCA on board	with licence packs only
Audio	Line-in, Line-out, G.711
Picture memory	µSD slot (32 GB max.)
Operating Temperature	-40 °C to + 50 °C (@ 12 VDC or @ PoE)
Heater	Yes
Fan	No
Connectors	RJ-45 for 10/100 BASE-T Ethernet, full or half duplex, 9-pin terminal for power supply, digital I/O
Voltage supply	12 VDC or PoE (IEEE 802.3af compatible)
Power Consumption	Max. 10 W @ 12 VDC (heater on, IR LEDs on)
Housing	155 mm x 129 mm / 1.2 kg
IP class / vandalism proof	IP 66 / IK 10
Certification	FCC, CE, RoHS
Licensing	Unit dependent (Gsc or G-Core)
Application area	Outdoor

Brand	Geutebrück
Order No.	5.02026