

4K Fixdome Camera G-Cam/EFD-4430



The Fixdome Camera in 4K resolution is ideally protected against sabotage by e.g. twisting or violence due to its compact design. Mounting is possible both on the wall and on the ceiling. The lens including the surrounding infrared LEDs can be panned in one line and thus allows angle of 47,5°-115° (H), suitable for the respective environment.

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

- With a high resolution of 8 megapixels, the camera enables surveillance of larger areas while maintaining a very high level of detail.
- Replaces several less high-resolution cameras effortlessly.
- The integrated P-IRIS zoom lens, in contrast to automatic iris lenses with its motor-controlled iris, provides considerably greater depth of field, especially when monitoring long corridors or car parks.
- The integrated infrared LED lighting provides even in absolute darkness sufficient illumination at a distance of up to 40 meters for optimal image results.
- Extended range of functions compared to ONVIF connection due to own G-Core plugin.

Technical Data

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| Mega pixel | 8 MP (4K) |
| Effective pixels | 3864 x 2180 |
| Image sensor | 1/1,8" Sony Progressive CMOS |
| Pixel size | 2.0 µm |
| Picture Format | 16:9 |
| Lens mounting | CS-Mount |
| Lens connection | f = 3,6 mm to 11 mm (mot.) P-Iris |
| Auto Focus | One Touch Function |
| Auto Back Focus | No |
| Digital zoom | x2 -x10 |
| F-Stop | F1.5 |
| Angle of view | Wide: 115° (H) x 47,5° (V) Tele: 61,2° (H) x 27° (V) |
| 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 | 1 - 1/10,000 s |
| Backlight Compensation | No |
| Digital Noise Reduction | 2D/3D/Color NR |
| Text overlay | Yes |
| Automatic gain control (AGC) | ON/OFF |
| Interface | 1 Gbps Ethernet |
| Color / B/W switching | Auto/manual |
| OSD Menu | English, German, French, Italian, Simplified Chinese, Traditional Chinese, Spanish, Portugese |
| Image rotation | 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: 4K@30fps + d1@30fps; MJPEG: 1080p 25/30 fps |
| Video Streaming | Single, Dual, Triple, Quad |
| Protocols | HTTP, HTTPS, TCP, FTP, RTSP, RTP, UDP, SMTP, SNMP, ICMP, IGMP, DHCP, UPnP, PPPoE, QoS, NTP,DDNS, ARP, IPv4/v6 |
| 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 | Yes; 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 / 1x Out |
| 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 |
| Humidity in operation | 10 - 90 % rel. humidity (non condensing) |
| Heater | Yes |
| Fan | No |
| Voltage supply | 12 VDC/24 VAC or PoE (IEEE 802.3af class 0 compatible) |
| Power consumption | Approx. 13.7 W @ 12 VDC/24 VAC |

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| Housing | ca. 760g, Metal, near RAL 9003 |
| IP class / vandalism proof | IP 66 / IK10 |
| Certification | FCC, CE, LVD |
| Licensing | G-Core |
| Scope of delivery | 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 |
| Application area | Outdoor |
| Brand | Geutebrück |
| Order No. | 5.03735 |