

Full HD Outdoor Speed-Dome Camera G-Cam/ESD-4620



The Speed-Dome Camera with Full HD resolution is suitable for outdoor use. With the 360 degree panning and freely controllable lens with a tilt range from -10 to 190 degrees, gives you the optimal overview. In addition, 256 fixed positions can be set, which allows a targeted control of certain scenes. With the 40x optical zoom, distant areas will not be unnoticed and can be controlled in the usual high quality.

- Surveillance along external facades.
- Extensive terrain that requires a high zoom.
- Monitoring of several areas with only one camera.
- Tracking of moving objects in the area around the camera.

- This remote controllable Full HD Speed-Dome camera enables the targeted manual tracking of persons or objects in outdoor areas.
- Pan / tilt speeds from 0.5°/s to 90°/s with manual control allow accurate operation even by inexperienced users.
- Fixed positions can be approached by alarm control or manually with a speed of up to 400°/s.
- Further pan/tilt functions such as tour, auto-swivel and patrol are integrated.
- High Dynamic Range to improve the image quality of particularly dark or bright image areas.
- Specially optimized image compression methods H.264CCTV / H.265 / H.265CCTV for low bandwidth with high quality.
- 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	1/2,8" Sony Progressive CMOS
Video output	Composite video: 1 Vpp, 75 Ohm (BNC)
Scanning system	Progressive scan
Horizontal resolution	1080p (1945 x 1097 eff.)
Pixel size	2.9 µm
Application area	Outdoor
Resolution	16:9 formats only: 1080p, 720p, 960 x 544, 360p
Access control	User Account + Password Protection
Minimum sensitivity	0.02 Lux color, 0.001 Lux BW
White balance	Auto/ATW/One Push/Manual
Shutter	1/1 - 1/10,000 s
Back Light Compensation	On / Off (depends on TV system)
Text overlay	Yes
Wide Dynamic Range	HDR (110 dB max.)
Colour / B/W switching	Automatic/Manual (IR-cut filter)
Privacy masking	20 zones, polygons, free scalable, 8 colors
Lens	4.3 - 170 mm
F-stop	F1.6 (Wide)
Angle of view	Wide: 66° (H) x 40° (V) Tele: 2° (H) x 1° (V)
Optical zoom	40x
Digital zoom	On/Off, x10
Panning range	360° endless
Tilting range	-20° to +100°
Panning/Tilting speed	0.1°/s to 90°/s (manual)
Preset speed	5°/s to 400°/s (pan/tilt)
Preset accuracy	0.16°
Auto flip / Digital flip	mechanical, off
Auto Focus	Automatic / Manual
Preset positions	256 positions
Sequence	8 x
Cruise	8 x
Auto Pan	4 x
Servo Feedback	Yes
Network interface	RJ45 connector, 10/100 Base/T
Protocols	IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ONVIF, ARP
Compression	H.264/H264CCTV, H.265/H265CCTV, MJPEG
Security	HTTPS (TLS 1.2), IEEE802.1X (SHA-2) (EAP-TLS), IP-Filter
ONVIF compatible	Profile S, G, Q
Video streaming	Single, Dual, Triple Quad Stream, configurable
Picture rate	30 fps
Motion detection	Yes, 4 sets with 40x30 fields each, free settable
Alarm In/Output	4 In (potential free) / 2 out
Alarm reactions	Preset, Sequence, Auto Pan, Cruise
Audio transmission	Line In/Line Out, Bi-directional, G.711/G.726/AAC/LPCM
Home Function	Preset, Sequence, Auto Pan, Cruise
memory media	micro SDXC 128 GB
Browser	Internet Explorer 11.0+/Chrome/Firefox/Safari

Operating Temperature	- 40 °C to + 50 °C (w/ heater)
Humidity in operation	10 - 90 % rel. humidity (non condensing)
Protection rating	IP 66, IK10
Voltage supply	24 VAC / 12 VDC, PoE+ (IEEE802.3at, class 4, 30 W -> Model s. Homepage)
Power consumption	12 VDC/2,12 A/25,4 W, 24 VAC/25,4 W
Zero downtime power switching	double power supply required
Dimension	210 x 279 (w/sunshield)
Weight	Approx. 2.9 kg
Fan	No
Certification	CE, FCC, LVD
Licensing	G-Core
Optional accessories	G-Cam/PoE-Adapter-06 (5.03036) Bracket Wall Mount - G-Cam/BWM-004 (5.04869) Corner Mount Adaptor - G-Cam/CMA-004 (5.04870) Pole Mount Adaptor - GSD/PMA-003 (5.18374) Bracket Ceiling Extension - GSD/BPE-001 (5.04862)
Brand	Geutebrück
Order No.	5.03738