GEUTEBRÜCK

Full-HD Speed-Dome Camera with IR-LEDs
G-Cam/ESD-4630

The Speed Dome Camera with Full HD resolution and infrared LEDs is suitable for outdoor use even in absolute darkness. With the 360 degree panning and freely controllable lens with a tilt range from -10 to 190 degrees, you have the perfect 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.

- The integrated infrared LED lighting provides even in absolute darkness sufficient illumination at a distance of up to 150m for optimal image results.

- Pan / tilt speeds from 0.1°/s to 90°/s with manual control allow precise operation even by inexperienced users.

- Fixed positions can be set by alarm control or manually with a thread rate of up to 400°/s.

- Further pan/tilt functions such as tour, auto-swivel and patrol are integrated.

- Integrated servo feedback function that automatically moves to the last fixed position when the camera angle is moved manually or due to weather conditions.

- Integrated electronic image stabilization, which stabilizes shaky video images caused by vibrations.

- Extended range of functions compared to ONVIF connection due to own G-Core plugin.

Technical Data

Mega pixel	2 MP (Full HD)
Effective pixels	1945 x 1097
Image sensor	1/2,8" Progressive CMOS
Pixel size	2,9 µm
Picture Format	16:9
Lens	4,3 - 170 mm
Auto Focus	Automatic, Manual
Optical zoom	x40
Digital zoom	x10
Preset positions	256 positions
Digital Image Stabilizing (DIS)	No
Electrical Image Stabilizer	Yes
F-Stop	F1.6 (Wide)
Angle of view	Wide: 66° (H) x 40° (V); Tele: 2° (H) x 1° (V)
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)
Auto / Digital flip	Mechanical, Off
Sequence	8x
Cruise	8x
Auto Pan	4x
Servo Feedback	Yes
Video output	Composite video: 1 Vpp, 75 Ohm (BNC)
Minimum sensitivity	0.02 Lux color; 0.001 Lux BW
Day/Night function	Auto/Light on/Light Off/Day/Night/Light Sensor/Smart
IR-LED	850 nm / 150m
Wide Dynamic Range	HDR (110 dB max.)
White balance	Auto, ATW, One Push, Manual
Shutter	1/1 - 1/10.000 s
Backlight Compensation	Yes
Digital Noise Reduction	2D/3D/Color NR
Text overlay	Yes
Automatic gain control (AGC)	Automatic, Manual
Interface	10/100 Mbps Ethernet
Colour / B/W switching	Automatic/Manual (IR-cut filter)
OSD Menu	English, German, French, Italian, Korean, Simplified Chinese, Traditional Chinese, Russian, Spanish, Japanese, Portugese
Compression	H.264/H264CCTV, H.265/H265CCTV, MJPEG
Picture rate (full resolution)	H.264/H264CCTV: 1080p @ 30fps + 1080p @ 30fps; H.265/H265CCTV: 1080p @ 30fps + 1080p @ 30fps
Resolution	1920 x 1080, 1280 x 720, 960 x 540, 640 x 360
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	Profil S, G, Q, T

Motion detection	4 Zones
Privacy masking	20 zones, polygons, free scalable, 8 colors
Alarm In/Output	4 In (potential free) / 2 out
Alarm reactions	Preset, Sequence, Auto Pan, Cruise
Home Function	Preset, Sequence, Auto Pan, Cruise
Audio	Line-in, Line-out, G.711, G.726, AAC, LPCM
Picture memory	µSD slot (128 GB max.)
Operating Temperature	- 40 °C to + 50 °C (w/ heater)
Humidity in operation	10 % to 90 % rel. humidity (non condensing)
Fan	No
Heater	Yes
Voltage supply	24 VAC / 12 VDC; HighPoE 60W
Power consumption	12 VDC/3,25A/39W; 24 VAC/39 W
Zero downtime power switching	Yes, double power supply required
Weight	3.8 kg
Housing	207,4 mm x 300,4 mm (w/sunshield); Metal/Plastic; RAL 9003
Protection rating	IP 66
Certification	FCC, CE, RoHS, LVD
Licensing	G-Core
Application area	Outdoor
Brand	Geutebrück
Order No.	5.03739