GEUTEBRüCK

Full HD Speed-Dome Camera
G-Cam/ESD-4510

The Speed Dome camera with Full HD is suitable for indoor use. With the 360 degree panning and freely controllable lens with a tilt range from -20 to 100 degrees, gives you the optimal overview. In addition, 256 fixed positions can be set, which allows a targeted control of certain scenes. With the 30x optical zoom, distant areas do not go unnoticed and can be controlled in the usual high quality.

- Monitoring of large warehouses and production halls.
- 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 indoor 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.

- Specially optimized image compression methods H.264/H264CCTV, H.265/H265CCTV, MJPEG 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

Mega pixel	2 MP (Full HD)
Effective pixels	1945 x 1097
Image sensor	1/2,8" Sony Progressive CMOS
Pixel size	2.9 µm
Picture Format	16:9
Lens	4.3 - 170 mm
Auto Focus	Automatic, Manual
Optical zoom	40x
Digital zoom	On / Off, x10
Preset positions	256 positions
Digital Image Stabilizing (DIS)	Yes
Electrical Image Stabilizer	No
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	8 x
Cruise	8 x
Auto Pan	4 x
Servo Feedback	Yes
Video output	Composite video: 1 Vpp, 75 Ohm (BNC)
Minimum sensitivity	0.02 Lux color, 0.001 Lux BW
Wide Dynamic Range	HDR (110 dB max)
White balance	Auto, ATW, One Push, Manual
Shutter	1/1 - 1/10,000 s
Backlight Compensation	Yes
Text overlay	No
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/H.265+H265CCTV mit HDR: 2M@30fps + 2M@30fps
Picture Rate	MJPEG: 1080p @ 30fps + 1080p @ 30fps; 1080p @ 60fps + 1080p @ 59fps
Resolution	640 x 360, 960 x 540, 1280 x 720, 1920 x 1080
Video Streaming	Single, Dual, Triple, Quad
Protocols	IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ONVIF, ARP
Network security	HTTPS (TLS 1.2), IEEE802.1X (SHA-2) (EAP-TLS), IP-Filter
Browser	Internet Explorer 11.0+/Chrome/Firefox/Safari
ONVIF compatible	Profile 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	- 25 °C to + 50 °C (w/o heater)
Humidity in operation	0 % to 90 % rel. humidity (non condensing)
Fan	No
Heater	Yes
Voltage supply	24 VAC; PoE+ (IEEE802.3at, class 4; 30 W -> Model s. Homepage)
Power Consumption	24 VAC/25,4 W
Zero downtime power switching	Double power supply required
Weight	Approx. 2.6 kg
Certification	CE, FCC
Licensing	G-Core
Optional accessories	G-Cam/PoE-Adapter-05 (5.03035)
Application area	Indoor
Brand	Geutebrück
Order No.	5.03737
Version No.	2.0