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 -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 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.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	Indoor
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)
Automatic gain control (AGC)	Automatic / Manual
Text overlay	No
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
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
Home Function	Preset, Sequence, Auto Pan, Cruise
memory media	micro SDXC 128 GB
Browser	Internet Explorer 11.0+/Chrome/Firefox/Safari

Operating Temperature	- 25 °C bis + 50 °C (w/o heater)
Humidity in operation	10 - 90 % rel. humidity (non condensing)
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	212 x 264 in mm (Diameter x H)
Weight	Approx. 2.6 kg
Fan	No
Certification	CE, FCC, LVD
Licensing	G-Core
Optional accessories	G-Cam/PoE-Adapter-05 (5.03035)
Brand	Geutebrück
Order No.	5.03737