

Thermal Camera with an angle of view of 42° and 30 Hz framerate

G-Cam/ETHC-2310



The Thermal Camera enables observation in very low light or rough terrain. With a frame rate of 30 Hz for a smooth image flow and a viewing angle of 42 degrees, it is possible to detect people up to 65 metres away. The weatherproof housing offers perfect protection against weather and sunlight.

- Outdoor protection.
- Wide open spaces in complete darkness, light fog or smoke

- For monitoring large areas and video motion detection in complete darkness.
- The camera offers an Image Contrast Enhancement function and delivers high-resolution and high-contrast images.
- The detection of persons is possible up to a distance of 65 meters.
- For the thermal image display you can choose between different colour sequences.
- Specially optimized image compression method H.264CCTV.
- Extended range of functions compared to ONVIF connection due to own G-Core plugin.

Technical data

Picture Format	4:3
Application area	Outdoor
Pixel (H x V)	320 (H) x 240 (V)
Pixel size	17 µm
Spectral band	8 - 14 µm
Frame rate	9 Hz / 30 Hz
Sensitivity	< 50 mK at F/1.0
Automatic Functions for Image Optimizing	AGC, NUC [non-uniformity correction - automatic calibration function]
Image Contrast Enhancement	ICE for indoor/outdoor
Compression	H264CCTV, H.264, MJPEG
Digital zoom	4x
Color Displays	White Hot, Black Hot, div. Color palettes
On Screen Display	Date, Time and User defined text
Dimension mm	135 x 120 x 350 mm (W x H x D)
Polarity Control	yes
Operating Temperature	- 40 °C to + 55 °C
Voltage supply	PoE (802.3af)
Power Consumption	Max. 12,95 W incl heater
Angle of view	The following fixed focal lengths / fiels of view are available: 7,5 mm / 42° (H) x 30° (V) / 2m 13 mm / 24° (H) x 12° (V) / 12m 35 mm / 9° (H) x 7° (V) / 35m
Connectors	Ethernet (10/100 Base-T), RJ-45
Protocols	ONVIF, RTP, RTSP, TCP, UDP, SMTP, IGMP, DHCP, UPnP, DynDNS, SNTP, HTTP
Security	802.1X Network Access Control and HTTPS, SSLv2v3
Weight	Approx. 2600g
Protection class / vandalism-protected	IP 66
Vandalism proof	IK10
Fan	Yes
Certification	CE, ROHS, FCC
Scope of delivery	Wall mount bracket G-WPH/WMB-001 (5.16200), Preconfigured connection cable 5 m, RJ45 plug for „at site“ tool free assembly
Optional accessories	Pole mount bracket WPH/PMA-345 (5.18372), Connection cable with special length
Order No.	0.02273