

GSG-185-FHD-XGA (R) Gyro-stabilized two-axis gimbal for day and night surveillance, with Laser rangefinder

FEATURES:

Weight: 3,5 kg

Housing: aluminum

IP-65

Drying cartridge

Direct drive

Absolute encoder

Two-axis rotation: 360°+

Fully integrated video auto-tracker

Integrated computer vision unit

Transmission of target coordinates to GCU

Environment operation temperature range: -40 ... +50°C

Supply voltage: 12-27V

Max. power consumption at 24V supply voltage, 60W

Replaceable flash card for up to 128 GB

Max. overall dimensions (length, diameter), 323x200mm

Vibration proof frame



SENSORS

Day camera parameters	Value
Video camera	SONY FCB-EV7500
Video output	H.264/H.265
Max view angle	63.7°
Resolution	1920x1080
Heated protective glass	Optional
Optical zoom	30
Fogging protection	Yes (Hot Fan)
Focus	auto
Lens	F 4.3 mm 129 mm

IR camera parameters	Value
Thermal Imager	LWIR detector
Video output	H.264 /H.265 Ethernet
Lens	50 mm f/1.4
Spectral response	8-14µm
Resolution	1024x768



OPTIONAL

Laser rangefinder parameters	Value
Total measurement range	50-1500 m
Measurement accuracy	≤ 0.5 m
Measurement frequency	1 ... 10 Hz
Resolution	0,1 m
Transmitter	Diode laser
Laser classification	Laser Class 1