

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

FEATURES:

Weight 3,5 kg

Body - aluminum

IP-65

Drying cartridge

Direct drive

Absolute encoder

Two-axis rotation 360°+

Fully integrated video auto-tracker

Integrated CPU

Transfer of target coordinates to GCU

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

Supply voltage 12-27V

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

Removable flash card for 128 GB

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

Anti vibration frame



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SENSORS

Day camera parameters	Value
Video camera	SONY
Video output	FHD H.264 Ethernet
Max view angle	50°
Resolution	1920x1080
Heated protective glass	Optional
Optical zoom	30
Effective elements	2.38 Mg Pix
Focus	auto / manual
Lens	F 4.3 mm 129 mm
Altitude range, m	0 ... +8000

IR camera parameters	Value
Thermal Imager	LWIR detector
Video output	H.264 Ethernet
Lens	50 mm f/1.4
Camera rotation angle	pitch / roll 360°
Spectral response	8-14µm
Pitch(µm)	14µm
Matrix resolution	1024x768



OPTIONAL

Laser rangefinder parameters	Value
Total measurement range	50-2500 m
Measurement accuracy	≤ 0.5 m
Measurement frequency	1 ... 10 Hz
Resolution	0,1 m
Transmitter	Diode laser
Laser classification	Laser Class 1