

# GSG 201

Gyro-stabilized two-axis gimbal for day and night surveillance, with Laser Rangefinder

## FEATURES:

- Weight: 3.5 kg
- Size: 323 x 200mm
- Super rugged design: Precision machined aluminium structure
- Anti vibration frame
- Environmental protection: IP65
- Drying cartridge
- Direct drive stabilization
- Absolute encoder
- Rotation limits: 360°+
- Fully integrated video auto-tracker
- Operational temperature range: -40 ... +50°C
- Supply voltage: 12-27V
- Power consumption: 60W
- High-quality onboard video record
- Removable flash card up



[www.uavos.com](http://www.uavos.com)  
[uavos@uavos.com](mailto:uavos@uavos.com)



**SENSORS**

IR CAMERA PARAMETERS	
Thermal Imager	LWIR detector
Video output	H.264 Ethernet
Lens	50 mm f/1.4
Wavelength band	8-14 $\mu\text{m}$
Matrix resolution	1,024x768

DAY CAMERA PARAMETERS	
Video camera	SONY
Video output	FHD H.264 Ethernet
Max field of view	50°
Resolution	1,920x1,080
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	0 ... +8,000 m

**OPTIONAL**

LASER RANGEFINDER PARAMETERS	
Total measurement range	50-1,500 m
Measurement accuracy	$\leq 0.5$ m
Measurement frequency	1 ... 10 Hz
Resolution	0.1 m
Transmitter	Diode laser
Laser classification	Laser Class 1

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