

USG-232 EO/IR/LRF



- Integrated video processing module
- Laser rangefinder with up to 5 km range
- Advanced optical zoom capabilities
- Geolock and integrated GPS
- Motorized lens
- Digital stabilization and onboard recording

Tech Specifications:

Parameter	☀ EO Sensor	🌙 IR Sensor
Sensor type	CMOS	Uncooled Microbolometer
Resolution	1920x1080	640x512
Frame rate	30	30
Spectrum range	Visual light (350-750 nm) + NIR	LWIR
Pixel size	-	12 μ m
Optical zoom	30x	-
Digital zoom	4x	4x
Field of view (wide/tele)	63.7° – 2.3°	8°
Lens aperture	F1.6 – F4.7	F1.2
Focal length	4.3 mm – 129 mm	55 mm
Anti-fog feature	✓	-
Operating temperature	-25°C to +61°C	
Operating voltage range	24 V	
Power consumption (total)	50 W	
Connectivity	Micro D	

↔ Laser Rangefinder	
Type	pulse
Measurement Range	5000 m
Target Detection Range (NATO Standard)	1800 m
Operating Wavelength	1540 nm
Measurement Accuracy	1 m

What's Included:

Item	Quantity
USG-232 gyro stabilized payload	1
Connection cable	1
GPS receiver	2
Case for USG-232 gimbal	1
Spare parts kit	1
Operating documentation	1
Software	1

