

GT30B Triple-mode Lightweight Gimbal

Features

- ✧ Daylight and thermal imaging with a single payload
- ✧ Laser range finder to measure up to 2km distance
- ✧ Un-cooled LWIR camera
- ✧ Fusion of infrared and visible images
- ✧ Quick-disassembly structure design
- ✧ Suitable for miniaturized unmanned systems



Specifications

System specification	
System type	Gyro stability
Weight	≤980g
System characteristics	
Platform type	Triple-axial
Yaw	360° rotation
Pitch	-90° ~ +90°
Roll	-50° ~ +50°
Max angular velocity	≥100°/s
Max angular acceleration	≥90°/s ²
Angular position accuracy	≤0.3°

RGB sensors	
(30X)Resolution	1920×1080 @60fps
(30X)FOV	63°×35° ~ 2.3°×1.3°
(Prime)Resolution	1920×1080@60fps
(Prime)FOV	38.4°×22.2°(8mm)
Laser Range Finder	≥2km (accuracy±1m)
Thermal	
Resolution	640×512@60fps
FOV	12°×9°
Target tracking	
Tracking speed	±48 pixel/frame

System interface	
Control interface	RS232
Video output	network/SDI
Power supply	
Supply voltage	11 ~ 16V
Power consumption	Av≤15W, Max≤25W
Environmental conditions	
Operating temperature	-20°C ~ +60°C
Storage temperature	-40°C ~ +60°C

Mechanical

