

F2I2VR-30 Quintuple-mode Lightweight Gimbal



Features

- ✧ Visible light wide Angle lens and zoom movement complement each other
- ✧ Long photo short focal dual field of view infrared thermal imaging, far and near collocation
- ✧ High-precision laser ranging, to support the target position solution
- ✧ Intelligent tracking, AI recognition, and diverse functions
- ✧ Quick disassembly structure, easy to install

Specifications

System specification		Electro Optical (30X)		Target tracking	
System type	Gyro stability	Resolution	1920×1080 @60fps	Tracking speed	≥40°/s
Weight	≤1200g	Zoom focal length	4.5~135mm	System interface	
System characteristics		Visible photofixed focal imaging		Control interface	RS232
Platform type	Triple-axial	Resolution	1920×1080@60fps	Video output	network
Yaw	360° rotation	Fixed focal length	2.8mm	Power supply	
Pitch	-100° ~ +100°	Two-view field of Thermal IR		Supply voltage	12 ~ 28V
Roll	-45° ~ +45°	Resolution	640×480@60fps	Power consumption	Av≤20W , Max≤30W
Max angular velocity	≥100°/s	Small FOV	8.7°×6.5° (50mm)	Environmental conditions	
Stability accuracy	0.1mrad(1°/2HZ)(1σ)	Big FOV	31.7°×25.6°(13.5mm)	Operating temperature	-20°C ~ +60°C
Encoder accuracy	≤0.3°	Laser Ranging		Storage temperature	-40°C ~ +60°C
		Measuring range	30~3000m		

Mechanical

