

F2I2VR-1280 Multi-mode Gimbal

Features

- ✧ Visible light wide Angle lens and zoom lens complement each other
- ✧ 50mm telephoto infrared lens, further detection distance
- ✧ Intelligent tracking, AI recognition, and diverse functions
- ✧ High-precision laser ranging, to support the target position solution
- ✧ Quick disassembly structure, easy to install



Specifications

System specification		Electro Optical (30X)		Laser Ranging	
System type	Gyro stability	Resolution	1920×1080 @60fps	Measuring range	30~3000m
Weight	≤1500g	Zoom focal length	4.5~135mm	System interface	
Architectural design		Visible photofixed focal imaging		Control interface	RS232, network
Platform type	Triple-axial	Resolution	1920×1080 @60fps	Video output	network
Yaw	n×360°	Fixed focal length	2.8mm	Supply voltage	12~28V
Pitch	-100°~+100°	Thermal IR		Power consumption	Av≤16W, Max≤30W
Roll	-50°~+50°	Resolution	1280×1024@60fps	Environmental conditions	
Max angular velocity	≥100°/s	FOV	17.4°×14° (50mm)	Operating temperature	-20°C~+50°C
Stability accuracy	0.1mrad(1°/2HZ)(1σ)	Target tracking		Storage temperature	-40°C~+60°C
Encoder accuracy	≤0.3°	Tracking speed	≥40°/s		

Mechanical

