

# S2IV High-performance stabilized EO/IR camera system



## Features

- ✧ The structure is extremely light and weighs less than 250g
- ✧ Anti-launch impact, suitable for ejection take-off UAV
- ✧ With the servo stabilization function
- ✧ Built-in tracking function
- ✧ Wide pressure of 14~28V input, dynamic power consumption control
- ✧ All electronic devices are integrated with the metal case packaging, in accordance with the EMC design specifications

## Specification

System specification		Electro-Optic		System interface	
System type	Gyro stability	Resolution	2560×1440 @60fps	Control interface	RS232/422
Weight	250g	FOV (large)	80.9°×51.3°(4.5mm)	Video output	Network
System characteristics		FOV (small)	26.9°×15.4°(16mm)	Power supply	
Platform type	Two-axial	Infrared thermography		Supply voltage	14~28V
Yaw	-90°~+90°	Resolution	640×512@60fps	Power consumption	Av≤12W Max≤20W
Pitch	-90°~+30°	FOV	18.2°×14.6°(24mm)	Environmental conditions	
Max angular velocity	≥60° /s	Tracking module		Operating temperature	-40℃~+60℃
Stability accuracy	0.1mrad(1°/2HZ)(1σ)	Tracking speed	≥10°/s	Storage temperature	-50℃~+70℃
Angular position accuracy	≤0.3°			Emission impact	≥400g

## Mechanical

