

S2I2V High-performance stabilized EO/IR camera system V23.1



Features

- ◇ Dual visible and dual infrared quadruple combination, taking into account the demand of day and night surveillance
- ◇ Those with target recognition, target tracking, image compression and other functions
- ◇ Light and compact structure, weight less than 550g
- ◇ All electronic components are packaged with integrated metal shell, meeting EMC design specifications

Specification

| System specification | | Electro-Optic | System interface | | |
|---------------------------|---------------------|-----------------------|---------------------|--------------------------|----------------|
| System type | Gyro stability | Resolution | 1920×1080 @60fps | Control interface | 232 |
| Weight | 550g | FOV (large) | 42°×24.5°(7.2mm) | Video output | Network |
| System characteristics | | FOV (small) | 12.7°×7°(25mm) | Power supply | |
| Platform type | Two-axial | Infrared thermography | | Supply voltage | 12~28V |
| Yaw | -90°~+90° | Resolution | 640×480@60fps | Power consumption | Av≤15W Max≤30W |
| Pitch | -90°~+30° | FOV (large) | 31.7°×25.6°(13.5mm) | Environmental conditions | |
| Max angular velocity | ≥60° /s | FOV (small) | 12.5°×10°(35mm) | Operating temperature | -420°C~+60°C |
| Stability accuracy | 0.1mrad(1°/2HZ)(1σ) | Tracking module | | Storage temperature | -50°C~+70°C |
| Angular position accuracy | ≤0.3° | Tracking speed | ≥40°/s | Emission impact | ≥400g |

Mechanical

