

MIR-01pro Two-light micro-pod

Features

- ✧ The extreme light small, weight $\leq 410\text{g}$
- ✧ Support for heading full angle range (360) rotation
- ✧ Visible light at 30 x hybrid zoom
- ✧ Quick disassembly structure, easy to install
- ✧ Tracking and identification function



Specification

System specification

System type Gyro stability

weight $\leq 410\text{g}$

System characteristics

Platform type Triple-axial

Yaw $n \times 360^\circ$

Pitch $-100^\circ \sim +100^\circ$

Roll $-45^\circ \sim +45^\circ$

Max angular velocity $\geq 100^\circ/\text{s}$

Stability accuracy $0.1\text{mrad}(1^\circ/2\text{HZ})(1\sigma)$

Motor encoder accuracy $\leq 0.3^\circ$

visible

Resolution $1920 \times 1080 @ 60\text{fps}$

FOV $61.3^\circ \times 36.9^\circ \sim 6.8^\circ \times 3.9^\circ$
(4.7mm~47mm)

Laser ranging

Measuring range $3\text{km} (\pm 1\text{m})$

Target tracking

Tracking speed $\geq 40^\circ/\text{s}$

System interface

Control interface RS232/network

Video output network

Power supply

Supply voltage $12 \sim 28\text{V}$

$A_v \leq 10\text{W}$,

Power consumption $\text{Max} \leq 20\text{W}$

Environmental conditions

Operating temperature $-20^\circ\text{C} \sim +50^\circ\text{C}$

Storage temperature $-40^\circ\text{C} \sim +60^\circ\text{C}$

Mechanical

