

ZX-ZD-IV2-F13-GL1

PLD60 Triple-mode micro-pod

Features

- ✧ The structure is extremely light and weighs 85g
- ✧ Anti-emission impact
- ✧ With servo stabilization function
- ✧ Built-in tracking features
- ✧ Wide pressure of 12~28V input
- ✧ All electronic devices are integrated with the metal case packaging, in accordance with the EMC design specifications

Technical parameter

System specification

System type Gyro stability

Weight 85g

System characteristics

Platform type Two-axial

Pitch $-110^{\circ} \sim +110^{\circ}$

Roll $-100^{\circ} \sim +40^{\circ}$

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

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

Motor encoder accuracy $\leq 0.3^{\circ}$

Electro-Optic (large)

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

FOV $82^{\circ} \times 52^{\circ}$ (3.2mm)

Electro-Optic (small)

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

FOV $19.7^{\circ} \times 11^{\circ}$ (16mm)

Thermal IR

Resolution $640 \times 512 @ 50\text{fps}$

FOV $32.9^{\circ} \times 26.6^{\circ}$ (13mm)

Target tracking

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

System interface

Control interface TTL/232/SBUS

Video output network(Rtsp)

Power supply

Supply voltage 12 ~ 28V

Power consumption $A_v \leq 6W$,
Max $\leq 15W$

Environmental conditions

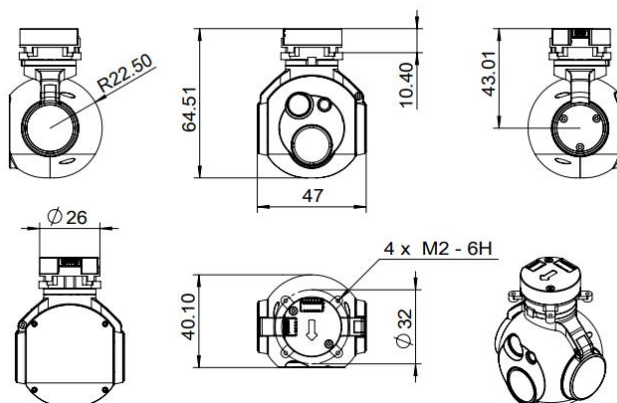
Operating temperature $-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$

Storage temperature $-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$

Launch impact $\geq 400g$



Mechanical



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