

PLD80A

High-performance EO gimbal camera

Features

- ✧ Extreme light and weight less than 250g
- ✧ With powerful servo stabilization
- ✧ Built-in target tracking function
- ✧ Anti-launch shocking ability, applicable for some special applications
- ✧ Wider power input of 14~28V, dynamic power consumption



Specifications

System specification	
System type	Gyro stability
Weight	≤250g
System characteristics	
Platform type	Two-axis
Azimuth	-90°~+90°
pitch	-90°~+30°
Max angular velocity	≥60° /s
Max angular acceleration	≥90° /s ²
Angular position accuracy	≤0.3°

Electro-Optic (Wide) (7.2mm)	
Resolution	1920×1080 @60fps
FOV	42°×24°
Electro-Optic (Narrow) (25mm)	
Resolution	1920×1080 @60fps
FOV	12°×7°
Target tracking	
Frame rate	60Hz
Tracking speed	±48 pixel/frame

System interface	
Control interface	RS232 (Default) 422 (Optional) SBUS(Optional)
Video output	Network
Power supply	
Supply voltage	14 ~ 28V
Power consumption	Av≤10W Max≤20W
Environmental conditions	
Operating temperature	-40°C ~ +60°C
Storage temperature	-50°C ~ +70°C
Anti launch shocking	≥400g

Mechanical

