

PLD80A

High-performance stabilized EO/IR camera system

Features

- ✧ The structure is extremely light and weighs less than 240g
- ✧ Electronic stabilization and scene tracking
- ✧ Wide pressure of 14~28V input, dynamic power consumption control
- ✧ Suitable for small unmanned vehicles



Specifications

System specification	
System type	Gyro stability
Weight	≤240g
System characteristics	
Platform type	Two-axial
Yaw	360° rotation
Pitch	-150°~+150°
Roll	-90°~+30°
Max angular velocity	≥60° /s
Max angular acceleration	≥90° /s ²
Angular position accuracy	≤0.3°

Electro-Optic (large) (7.2mm)	
Resolution	1920×1080 @60fps
FOV	42.28°×24.54°
Electro-Optic (small) (25mm)	
Resolution	1920×1080 @60fps
FOV	12.71°×7.17°
Target tracking	
Frame rate	60Hz
Tracking speed	±48 pixel/frame

System interface	
Control interface	RS232/422
Video output	Network/422
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

Mechanical

