UAVSale

Airborne Pod （EO-IR）GZJY-16AG

MD-P00527 · md-airborne-pod-eo-ir-gzjy-16ag

GZJY-16AG photoelectric turret is suitable for large unmanned aerial vehicles, helicopters and low-speed and low-speed fixed-wing aircraft, and is widely used in reconnaissance and surveillance, search and rescue, fire control and guidance and other fields.

TECHNICAL SPECIFICATIONS

System Type	Four-axis. Multi-band optical sensor.
Dimensions	408dia 540hmm 5mm
Weight (standard load)	Photoelectric turret System Features
Platform Type	Four Axis
Azimuth range	360 * N
Tilt range	-120 ~+90
Maximum angular velocity	90 /s
Maximum angular acceleration	100 /s
Angular position accuracy	0.5mrad (1)
Bidirectional stability of sight line	20urad (1) (1 /2Hz, 2 /1Hz)
Type	Medium Wave Refrigerated Focal Plane
Spectral bandwidth	3~5 m
Number of pixels	640 512
Noise Equivalent Temperature Difference (NETD)	35mk
Lens focal length (three fields of view)	500mm/125mm/30mm
Field of view	1.1 x0.88 /4.4 3.5 /18.1 14.5
Pixel size	15um
Field of view switching time	1s
Cooling time	6s
Sony body machine	Sony FCB-EV7520
Effective pixels	1920 1080
Field of view range	63.7 ～2.3 , 30 times optical continuous
Focal length	4.3mm～129mn

Working band	1.06u m
Irradiation energy	80mJ
Irradiation distance	10km
Ranging distance	15km
Beam divergence angle	System external interface
Video	HD-SDI
Communication	RS-422
Voltage	28V (4v)
Power consumption	constant value 100w, peak value 700w
Working temperature	-40°C~+60°C
Storage temperature	-55~°C~+70°C
Positioning solution dynamic positioning accuracy	no more than 25m (1000m slant distance) (lab environment)

CERTIFICATION

Certification status is confirmed per order and is not published in the catalogue listing. Request the current declaration, test reports or conformity certificates from our sourcing team.

ORDERING INFORMATION

Model	Airborne Pod （EO-IR）GZJY-16AG
Part number	MD-P00527
Lead time	30 days
Minimum order	1 unit
Supply	made_to_order

Generated from the UAVSale product catalogue. Figures are manufacturer-supplied and subject to configuration. For the current revision and full documentation set, contact our sourcing team.