UAVSale

HP03 Electro-Optical and Infrared Sensor

MD-P00333 · md-hp03-electro-optical-and-infrared-sensor

High precision axis stabilization function

TECHNICAL SPECIFICATIONS

Working wavelength	0.4 m ~0.9 m
Focal length	optical 30x continuous zoom
Resolution	1920 (H) 1080 (v)
Horizontal field of view	63.7 ~ 2.3
Detector	12 m
Horizontal field angle	12.4 x 9.9
Identification distance	1km (target size 2.3m 2.3m)
Operating wavelength	:1064nm
Laser energy	25mJ
Ranging accuracy	3m
standard test frequency	98%
Laser measuring distance	120m ~ 5000m
Azimuth axis	n x 360
Pitch axis	- 110 ~ + 10
Angle measurement accuracy	2mrad
Stability accuracy	100 rad (1)
Angular velocity	60 / s
Angular acceleration	60 / s2
Target imaging contrast	5%
Motion speed	30 pixels / frame
Target imaging size	4 3 pixels
Communication interface	2-way RS422
Video interface	1 channel HD-SDI
Power supply	DC24V

Voltage range	18V ~ 32V
Power consumption	average power consumption 50W
Weight	2.5kg
Operating temperature	- 40 °C ~ 60 °C

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	HP03 Electro-Optical and Infrared Sensor
Part number	MD-P00333
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.