UAVSale

HP10 Electro-Optical and Infrared Sensor

MD-P00332 · md-hp10-electro-optical-and-infrared-sensor

High precision LOS 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	15 m
Horizontal field angle	28 ~ 2.05
Cooling time	6min
MRTD	25mk
Laser energy	60mj
Ranging range	180m ~ 10km
Ranging accuracy	2m
Line of sight stability accuracy (1))	100 u rad
Angle measurement accuracy (1))	2mrad
Azimuth	360 continuous;
Pitch	+ 90 ~ - 120
Target imaging contrast	8%
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 80W
Weight	10kg

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	HP10 Electro-Optical and Infrared Sensor
Part number	MD-P00332
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.