UAVSale

Sc400 Large Photoelectric Pod

MD-P00349 · md-sc400-large-photoelectric-pod

SC400 large photoelectric pod adopts a high-precision two axis stable platform, which can be equipped with high-definition visible light camera, high-resolution SLR camera, refrigeration / uncooled infrared thermal imager and laser rangefinder. It is mainly used for high-voltage transmission line ma

TECHNICAL SPECIFICATIONS

Visible camera (optional according to user requirements)	CCD chip / 1/3 Inch had CCD
camera lens	30Multiple optical zoom, f = 4.3mm ~ 129mm
viewing angle	59 ~2.1
Image format	PAL system, frame rate 25Hz / HD-SDI HD output
HD camera (optional according to user requirements)	pixel / 2400Megapixel
visual angle	30.3 ~8.2
Uncooled infrared thermal imager (optional according to user requirements)	Detector type / 7.5~ 13.5 m uncooled
field	Dual field of view: 18 13.5 (width) ~ 6 4.5 (narrow)
pixel	640x480 (or 320x240)
Refrigeration infrared thermal imager (optional according to user requirements)	Detector type / 3.7~4.8 M refrigeration type
stabilized platform	Stability accuracy / 0.3mrad （1 ）
Angle measurement accuracy	0.1 （1 ）
Search range (azimuth)	Nx360
Search range (pitch)	-110 to + 20 or customized
Maximum pitch angular velocity	60 /s
Azimuth maximum angular velocity	60 /s
Maximum pitch angular acceleration	100 /s²
Azimuth maximum angular acceleration	100 /s²
Electrical interface	Video output / PAL
Communication control	RS422
Power Supply	External power supply / 18~36VDC

Rated power consumption	40W, peak value 80W
environment condition	working temperature / -30 〜+60 ℃
Storage temperature	-40 〜+70 ℃
Image tracking	Minimum tracking contrast / 5%
Tracking speed	20 /s
Static tracking accuracy	1 pixel
Tracking algorithm	Correlation, centroid
weight	40kg
Dual field of view	18 13.5 (width) ~ 6 4.5 (narrow)

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	Sc400 Large Photoelectric Pod
Part number	MD-P00349
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.