UAVSale

SCA200 Series Photoelectric Pod

MD-P00348 · md-sca200-series-photoelectric-pod

SCA200 photoelectric pod is composed of a variety of optical sensors, a high-precision fiber optic gyro stabilization platform and integrated high-definition automatic tracking. It is mainly used in military reconnaissance, aiming, search and rescue, anti smuggling, forensics, security, environmenta

TECHNICAL SPECIFICATIONS

project	Sca200-1 type / Sca200-2 type / Sca200-3 type
Visible light camera	Detector: CMOS 1 / 2.8 inch Lens: optical zoom 30x (129mm) Image: HD-SDI / 1080p (1920X1080) / Detector: CMOS 1 / 2.8 inch Lens: optical zoom 30x (129mm) Image: HD-SDI / 1080p (1920X1080) / Detector: CMOS 1 / 2.8 inch Lens: optical zoom 30x (129mm) Image: HD-SDI / 1080p (1920X1080)
Infrared thermal imager	nothing / Type: uncooled long wave infrared thermal imager Pixels: 640 512/17um Lens focal length: 50mm electric lens / Type: uncooled long wave infrared thermal imager Pixels: 640 512/17um Lens focal length: 50mm electric lens
camera	Type: SLR camera Pixel: 20 million Focal length: 210mm / nothing / nothing
Laser	nothing / nothing / Laser wavelength: 1550nm Maximum ranging distance: 3km, 5km (optional) Ranging accuracy: 5m
stabilized platform	Stability accuracy / 1mrad(1) / 1mrad(1) / 1mrad(1)
Search range (azimuth)	Nx360 / Nx360 / Nx360
Search range (pitch)	-90 ~+20 / -90 ~+20 / -90 ~+20
Maximum pitch angular velocity	80 /s / 80 /s / 80 /s
Azimuth maximum angular velocity	80 /s / 80 /s / 80 /s
Maximum pitch angular acceleration	200 /s / 200 /s / 200 /s
Azimuth maximum angular acceleration	200 /s / 200 /s / 200 /s
Electrical interface	Video output / HD-SDI / 1080p (optional HDMI) / HD-SDI / 1080p (optional HDMI) / HD-SDI / 1080p (optional HDMI)
Power Supply	External power supply / 20~30V DC / 20~30V DC / 20~30V DC
environment condition	working temperature / -20 C~+65 C / -20 C~+65 C / -20 C~+65 C
Image tracking	Tracking type / Hd (HD-SDI) / Hd (HD-SDI) / Hd (HD-SDI)
weight	5.5kg (all metal) / 5.5kg (all metal) / 5.5kg (all metal)
size	200mmx300mm / 200mmx300mm / 200mmx300mm

Detector	CMOS 1 / 2.8 inch
Lens	optical zoom 30x (129mm)
Image	HD-SDI / 1080p
Type	uncooled long wave infrared thermal imager
Pixels	640 512/17um
Lens focal length	50mm electric lens
Pixel	20 million
Focal length	210mm
Laser wavelength	1550nm
Maximum ranging distance	3km, 5km (optional)
Ranging accuracy	5m

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	SCA200 Series Photoelectric Pod
Part number	MD-P00348
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.