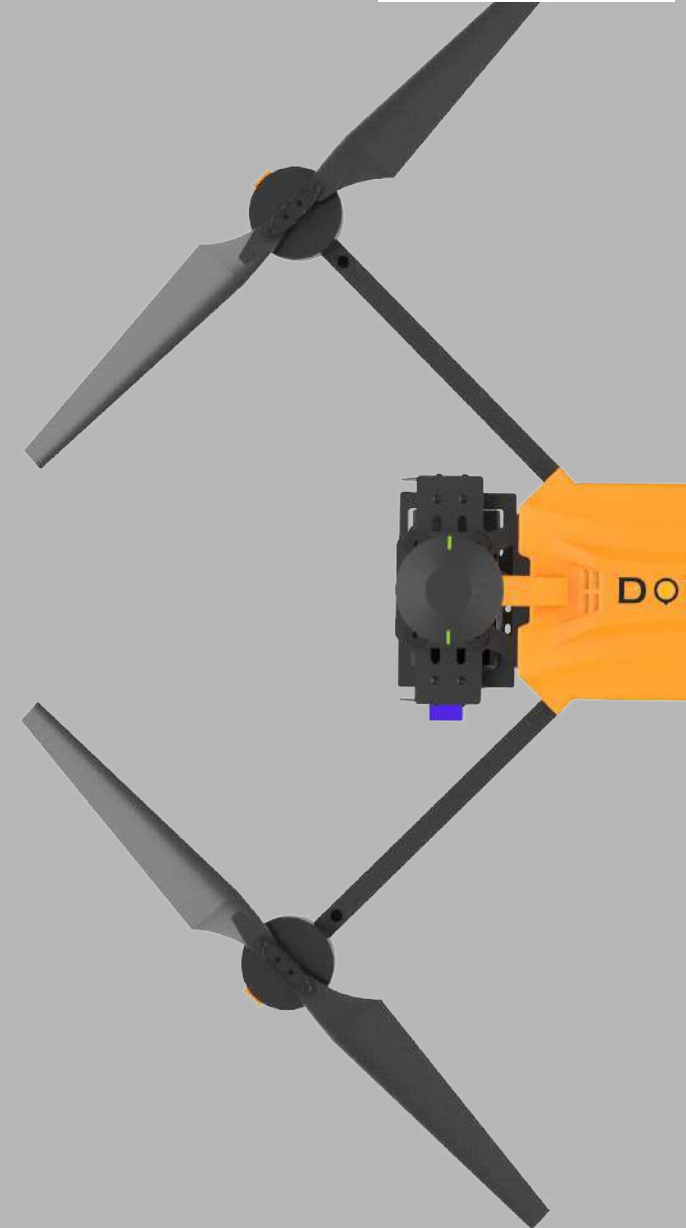


KAM-GEOMASTER

TM

Unmanned Aerial Systems
Productivity meets Precision



SPECIAL FEATURES



SENSOR OPTION

Sensor: CMOS 1/3"
Effective Pixels: 4M
Lens: 10x optical zoom f4.9-49mm
Image Format: JPEG
Video Format: MP4
Resolution: 1920x1080 30fps
Min. Illumination: 0.05Lux/F1.6



PPK ENABLED

L1/L2/L5
NTRIP and VRS, works with RTCM3
RINEX at an update rate to 10Hz
16GB of internal storage

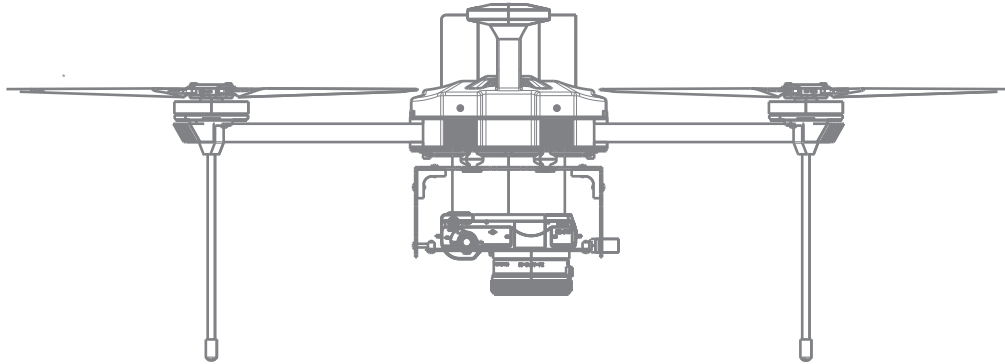


ROBUST C2 LINK

Ultra portable highly intuitive GCS
Transmission Range upto 5 Km+
Minimum Latency 110ms
Video Resolution 1080p@30/60fps
Sunlight readable 5.5 inch touch screen
Software TAS_GCS_V2



TECHNICAL SPECIFICATION



RPA Details

- RPA category
- RPA Type
- Max all up weight including payload
- Overall Dimension (mm)(l×b×h)
- Compatible

Small category
Quad copter
4.5kg approx.
825 x 825 x 290 mm
Payload Fixed 24mp RGB /Multispectral*/ IR camera*

Power Plant Details

- Engine/Motor
- No of Motors
- Battery capacity
- Propellers details

BLDC Motor
4 Nos
30000 mAh
18-inch Diameter

Equipment Details

- GNSS
- Autonomous Flight Termination System or RTL
- Flashing anti-collision strobe light
- NPNT Compliant
- Flight controller with flight data logging capability
- Barometric equipment (with capability for remote sub- scale setting)
- Geo fencing capability

Yes
Yes
Yes
Yes
Yes
Yes
Yes

Remote Pilot Station

- Ground control station
GCS app version

Robust C2 Link based with >5 kms Comm. range
Lookout_VGCS_v2.0

C2 Link

- Equipment detail
- Communication Range

2.4 GHz (FHSS) transceiver
5km default, can be extended Upto 10 km

Performance details

- Max Endurance
- Max Range
- Cruise Speed
- Max Speed
- Area Coverage
- Max ceiling height
- Operating Altitude
- Operating Envelope

Up to 55 Mins
25km
10 m/s
24 m/s
Up to 1.5 Sq km
4500 m AMSL
120 m AGL default/ can be unlocked upto 1000m
VLOS flight only (BVLOS Ready*)