BRAMOR C4EYE



The new **C-ASTRAL BRAMOR** C4EYE unmanned aerial system. Unmanned - Unrivaled!



The **BRAMOR C4EYE** line is appropriate for operations where real time or near real time video surveillance capability is of utmost importance. The stabilized C-ASTRAL EYE interchangeable gimbals provide electrooptical CCD and state of the art uncoolled microbolometer capabilities, that are capable of tracking moving objects, people and events at chosen distances day and night.

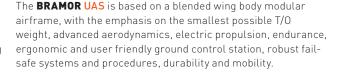
FEATURES:

- Simple Flight Planning
- □ One Person Operation
- □ Catapult Takeoff
- □ Accurate Parachute Landing in a 30X30m Zone
- □ Ability to Fly Multiple Missions in One Flight
- ∠ Mission Waypoints can be Uploaded or Changed During Flight
- ☑ Inflight Reprogrammable Landing Point
- ☑ Convoy and Operator Vehicle Following Capability
- ☑ Robust Fail-safe System for Maximum Safety
- □ C-Astral Electric Propulsion for Maximum Endurance
- □ Fully Autonomous Flight Profile from Takeoff to Landing
- ☑ Wind Penetration up to 15M/S
- ☑ Pitot Tube Dirt/Dust Protection
- ☑ Flight Ready in Under 5 Minutes
- ☑ Ability to Track, Geo-Register or Lock Targets
- ☑ Video / Data Range: up to 30 km
- ☑ Endurance: up to 3 hours
- ☑ AN/PVS-7 B/D, AN/PVS-14 and AN/AVS-9 compatible IR optional beacons

APPLICATIONS:

- □ Day and Night Observation
- ☑ Infrastructure Inspection
- ☑ Anti-poaching Surveillance
- ☑ Damage Assessment
- → Anti-Smuggling Surveillance
- ☑ Maritime Surveillance
- Search & Rescue
- ∠ Coastal and Border Control
- □ Anti-Terrorist and Law Enforcement
- ∠ Surveillance
- □ Close-range Surveillance and Reconnaissance
- Special operations
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- ∪ Urban Operations

- ☑ Battle Damage Assessment



C-Astral EYE payload

- □ Gyro stabilized
- Sony FCB 10x optical zoom or FLIR Quark LWIR 320 thermal imaging

 □ Sony FCB 10x optical zoom or FLIR

 □ Sony FCB 10x
- ∠ Auto focus
- ☑ PAN 360°
- ☑ TILT 90°
- → High quality belt drives
- □ Frame material
 100% carbon composite

EO / IR/ LI payload

- ∀ High performance miniature EO / IR / LI payload
- ≥ 360 degree, continuous rotation
- → Gyro-stabilized
- □ 10MP Electro-Optical (EO) imager
- ∠ Electronic pan-tilt-zoom (ePTZ)
- ≥ 640x480 Long Wave Infrared (IR) imager
- ≥ 300 mW laser illuminator (LI), available at 400 2000 nm
- □ Target tracking
- □ Target geo-location
- ✓ Moving target detection



Ground Control Station Ergonomically designed ATX-200 GCS system for Bramor C4EYE payload control.













C-Astral d.o.o.

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Registration No.: 2352931

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BIC/SWIFT: SKBASI2X IBAN: SI56 0318 5100 0070 009