

BLACKTEAR



COBRA

COBRA-E

Target Acquisition Systems

(Configurable combinations per customer requirements)

Manual FPV control
AI-assisted terminal guidance system
(predefined target or “man-in-the-loop”)
AI-Powered Target Detection and Tracking
Laser rangefinder coaxial with main camera
(visible spectrum)
Visible spectrum / night vision / thermal
imaging – sensor fusion
Radar integration available

Guidance Systems

(Configurable combinations per customer requirements)

Hardened GPS + GLONASS
Inertial Navigation System (INS)
Optical terrain-following navigation
FPV / LOS radio control
SATCOM control (optional)

Dimensions / Weight

2,2 m Wingspan
2,1 m Length
25 kg Max. Take-Off Weight (MTOW)
5 kg Max. Mission Payload
Multi-purpose payload bay–rapid payload
interchange – ECM / fragmentation / anti-armor

Propulsion / Performance

Propulsion: electric
Power: 4,5 kW
Batterycapacity: 39 Ah
Max. Cruise Speed: 150 km/h
Optimal Loiter Speed: 125 km/h
Stall Speed: 65 km/h
Terminal dive / Max.Speed: 220 km/h
Operational Range: approx. 150 km (payload-
dependent)
Endurance: typically 60 minutes

Survivability | Production Capacity

Low radar signature
Low IR signature
RFI / EMI / EMC hardened (configurable per
customer requirements)
Self-destruction system available



COBRA-T

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AI-assisted terminal guidance system (predefined target or “man-in-the-loop”)
AI-Powered Target Detection and Tracking
Laser rangefinder coaxial with main camera (visible spectrum)
Visible spectrum / night vision / thermal imaging – sensor fusion
Radar integration available

Guidance Systems

(Configurable combinations per customer requirements)

Hardened GPS + GLONASS
Integrated Inertial Navigation System (IMU)
Visual-Inertial Navigation
Optical terrain-following navigation
FPV / LOS radio control
SATCOM control (optional)
Integrated Obstacle Detection and Computer Vision Capabilities
Autopilot System for VLOS and BLOS Operations

Dimensions / Weight

2,2 m Wingspan
2,1 m Length
25 kg Max. Take-Off Weight (MTOW)
5 kg Max. Mission Payload
8 kg (kerosene) Fuel Capacity
Multi-purpose payload bay–rapid payload interchange – ECM / fragmentation / anti-armor

Propulsion / Performance

Engine: Turbine
Thrust: 132 N
Fuel Tank Volume: 10 L
Optimal Loiter Speed: 250 km/h
Stall Speed: 80 km/h
Max. Speed: 400 km/h
Operational Range: 150 km
Endurance: 30 minutes
Energy-optimized endurance: 45 minutes

Features

Low radar signature
Low IR signature
RFI / EMI / EMC hardened (configurable per customer requirements)
Self-destruction system available
Direct Payload Control from the Mission Software
Single Interface for Video, Telemetry, and Mission Management
Vision-Assisted Precision Landing



Dimensions / Weight

Max. Take-Off Weight (MTOW): 160 kg

Max. Mission Payload: 35 kg

Fuel Capacity: 75 ltr (kerosine or diesel)

Propulsion / Performance

Engine: Turbine

Fuel Tank Volume: 75 ltr

Optimal Loiter Speed: 280 km/h

Terminal dive / Max. Speed: 450 km/h

Operational Range: 300 km

Endurance: up to 60 minutes

Features

Low radar signature

Low IR signature

RFI / EMI / EMC hardened (configurable per customer requirements)

Self-destruction system available

Direct Payload Control from the Mission Software

Single Interface for Video, Telemetry, and Mission Management

Vision-Assisted Precision Landing

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(Configurable combinations per customer requirements)

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AI-assisted terminal guidance system

(predefined target or “man-in-the-loop”)

AI-Powered Target Detection and Tracking

Laser rangefinder coaxial with main camera (visible spectrum)

Visible spectrum / night vision / thermal

imaging – sensor fusion

Radar integration available

Guidance Systems

(Configurable combinations per customer requirements)

Hardened GPS + GLONASS

Integrated Inertial Navigation System (IMU)

Optical terrain-following navigation

Geomagnetic Navigation

FPV / LOS radio control

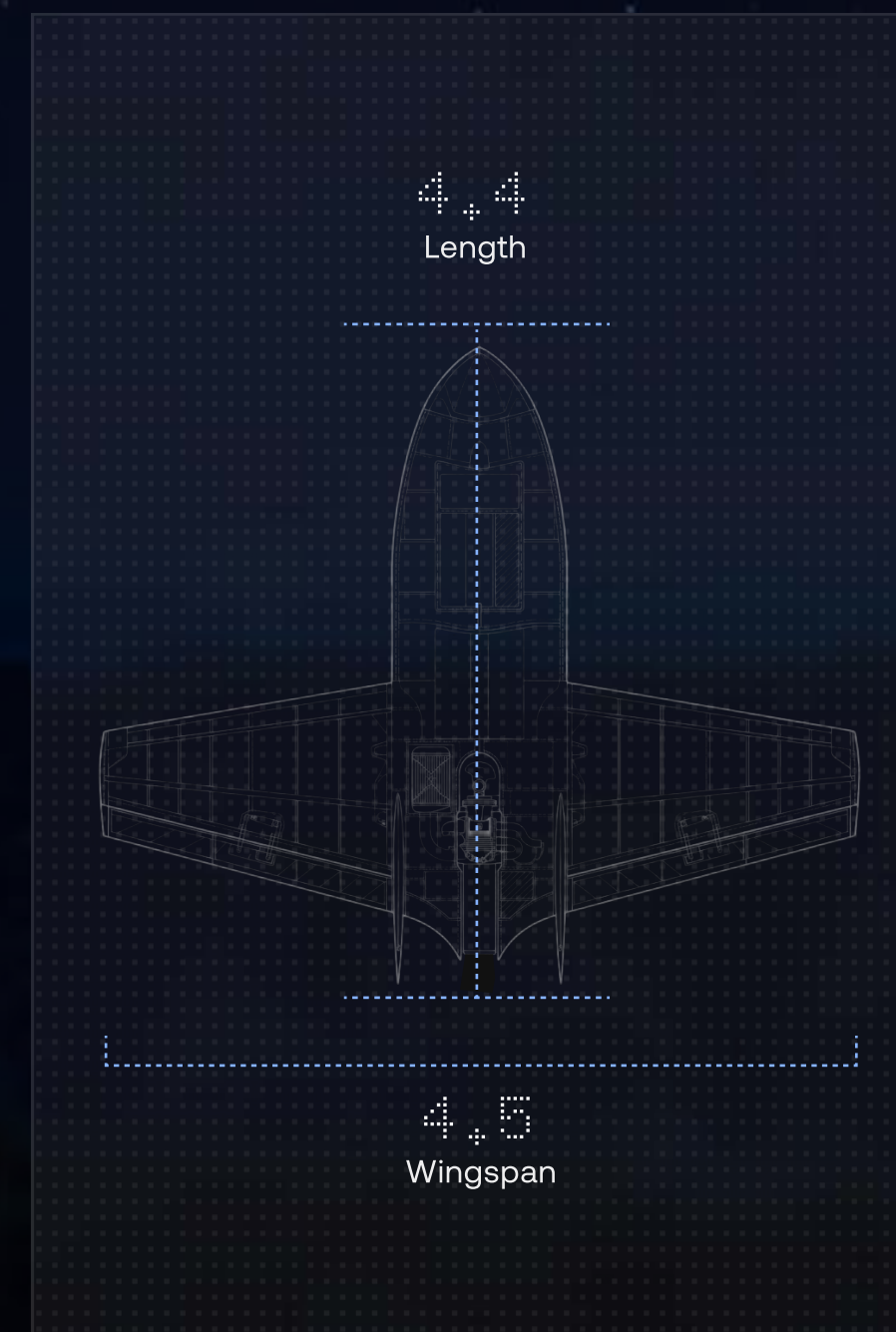
SATCOM control (optional)

Integrated Obstacle Detection and Computer

Vision Capabilities

Autopilot System for VLOS and BLOS Operations

COBRA-TX





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We reserve the right to make technical changes in the interest of continuous product improvement or to adapt the product to the current state of the art, provided that this does not significantly impair the properties guaranteed in the offer and the intended use. Our modular design allows systems to be configured from a defined set of components that are precisely tailored to mission requirements. Performance values may vary depending on system configuration.

