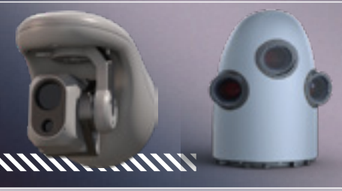


GCS & Mission Planner

Experience seamless autonomy as The Edge effortlessly transitions between multi-rotor and fixed-wing flight using exclusive thrust-vector control—no pilot input needed.

Leverage numerous pre-programmed mapping and other missions or design your own in seconds. Seamlessly swap modes, point cameras, and manage sensors using native controls while sharing real-time flight info and live video footage with your team through the USB-C interface.



OCELLUS 2CP FEATURES

- EO / IR Hadron 640R+ system
- 2-DOF brushless gimbal with vibration damping
- 64 GB microSD data storage
- EO: 64 MP, 67-degree HFOV, 4K at 30 fps, 6X digital zoom
- IR: 640 x 512 radiometric, 32-degree HFOV, 3X digital zoom

MAPPING ARRAY FEATURES

- 3 simultaneously triggered 13 MP CMOS cameras
- 39 MP of image data at up to 5 fps
- Up to 1 TB of data at over 1400 MB per second Removable SD
- 100 m wide image at 1 cm per pixel
- Cover over 1600 acres of land in one flight of 60+ minutes

E130 _EDGE 130



BY REDCAT

ARACHNID™

FAMILY OF SMALL ISR & PRECISION STRIKE SYSTEMS

A RED CAT COMPANY

version 261008

E130

EDGE 130

BY RED CAT AERIAL

ISR

The Future of All Domain Operations

REDCATAERIAL.COM

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:: INTELLIGENCE, SURVEILLANCE, AND RECONNAISSANCE_



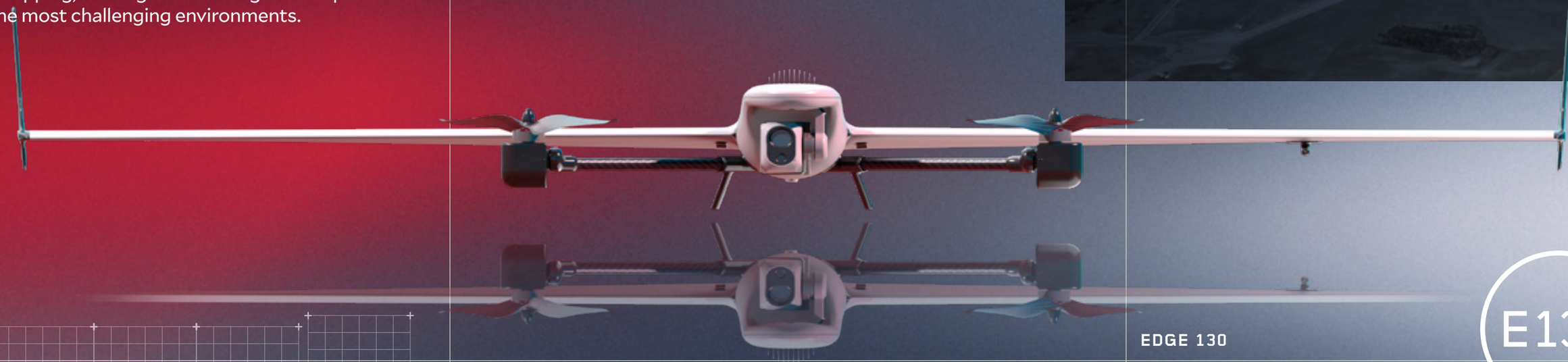
RED CAT AERIAL

The Edge 130 is a hybrid fixed-wing VTOL tricopter. With its innovative vertical take-off and landing capabilities, seamless transition between hover and forward flight modes, and tool-free payload swapping, the Edge 130 is designed to operate in the most challenging environments.

CERTIFIED BLUE UAS

*Blue UAS pending for Ocellus-2CP-E





EDGE 130

E130

EDGE 130

TWO CAMERAS COLLECT VIDEO IN COLOR AND INFRARED FOR REAL-TIME INSIGHT



EDGE 130 EO IMAGE



EDGE 130 IR IMAGE

ARACHNID™ / FAMILY OF PORTABLE, LOW-COST, FIELD-REPAIRABLE, & RECOVERABLE ISR AND PRECISION STRIKE SYSTEMS

FEATURES

- Independent tilt-pod technology enables smooth transitions between forward flight and hover
- Encrypted AES 256 radios provide tighter security between operator and aircraft when it matters
- Take-off and land anywhere without the need for cumbersome ground equipment
- User controlled visual and infrared navigation beacons enable safe recovery of aircraft
- Blue approved payloads swapped in seconds with no tools or special equipment - no need to buy an aircraft for every camera or sensor
- Non-ISM Frequencies: Regulated radio frequencies operating beyond public ISM bands are available on demand

SPECIFICATIONS

Aircraft
- Weight: 2.65 lbs (1,200 g)
- Size: 51 in (130 cm) x 30 in (77 cm)
- Cruise Endurance: *60+ minutes
- Nominal Cruise Speed: 15 m/s (33 mph)
- Range: 12.4 miles (20 km)
- Battery Nominal Capacity: 86.4 wh, 6.0 ah, 14.8 v

Payloads
- ISR and Mapping

OCELLUS-2CP Payload
- System: EO / IR Hadron 640R+ w/ Mechanical Stabilization & EIS
- EO Sensor: 64 MP, 67-degree HFOV
- EO Video Recording: 4K at 30 fps
- IR Sensor: 640 × 512 Radiometric, 32-degree HFOV
- Zoom: 6X Digital EO / 3X Digital IR

Mapping Payload
- 3 simultaneously triggered 13 MP CMOS cameras
- 39 MP of image data at up to 5 fps

*standard atmospheric pressure

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