

■ EXPEDITIONARY AUTONOMY

Built forward.■

Printed at the edge.
Commanded by AI.



EDGE-1 / MULTIROLE UAS

Modular aircraft. Forward manufacturing. Operator-supervised mission coordination.

01 / BUILD

FORGE

Expeditionary additive manufacturing for structural parts. Controlled files, materials, process records, and inspection support repair and replenishment near the point of need.

02 / ADAPT

EDGE-1

A modular small-UAS platform with interchangeable mission payloads. Installed payload, radio, battery, and operating conditions define each configuration.

03 / COORDINATE

OVERWATCH

Mission software and an operator-supervised coordination approach. Flight safety, pilot authority, and approved recovery behavior remain configuration-specific.

One platform. Connected missions.

SENSE / JAM / STRIKE / RESUPPLY / REACH >

Mission films illustrate possible workflows; they are not flight-test evidence.

Match the platform to the requirement.

MODULE	WEIGHT	ENDURANCE	RADIUS	SWAP
PL-01 / EO/IR observation	1.8 lb	48 min	15 km	90 sec
PL-02 / Medical resupply	4.0 lb	34 min	10 km	60 sec
PL-03 / RF sensing	1.2 lb	52 min	18 km	90 sec
PL-04 / Communications relay	1.5 lb	50 min	20 km	60 sec
PL-05 / General-purpose cargo	4.4 lb	31 min	8 km	45 sec

Representative figures published by EdgeUAS, not independently measured results. These are not specifications for the proposed lightweight EO kit or relay evaluation package. Request configuration-specific evidence before evaluation.

Connect the information.

EDGE-1 Relay

A proposed unarmed relay package combines an aircraft, selected communications payload, local gateway, and network-health display. The gateway is the intended mission-data endpoint.

Expression / VOR

A separate proposed observation workflow brings permitted aircraft status and source-linked reports into a human-reviewed workspace. VOR does not issue aircraft flight commands.

Pilot authority and aircraft safety remain separate from mission-data services. Interfaces and integrated performance require configuration-specific acceptance.

EVALUATION PRIORITIES

Define the mission and installed configuration. Review measured performance, data interfaces, operator responsibilities, required approvals, training, and support.