



RAPID DEPLOYMENT UNIT

RESILIENT MESH ARCHITECTURE FOR A RAPIDLY CHANGING, COMPLEX WORLD



MISSION CONTINUITY

Satellite, airborne and land-based teams remain connected through a resilient operational mesh.

BUILT FOR OPERATIONAL CONTINUITY

RDU MightyMaxx delivers deployable power and communications where infrastructure may be damaged, unavailable or changing by the hour. Its interoperable mesh architecture supports multiple transport paths when mission continuity, public safety and operational success outweigh conventional deployment constraints.

ENGINEERED AUTONOMOUS RESILIENCE

Net Raven AI-enabled management provides continuous monitoring, predictive visibility and automated fault detection, isolation, path failover and service restoration. This redundant capability reflects deliberate engineering across development, deployment and lifecycle operations—not a generic “self-healing” claim.

CORE TECHNICAL PROFILE

FOOTPRINT

5 ft x 4 ft

TRANSPORT / EXTENDED

7 ft / 23 ft

APPROX. WEIGHT

1,300 lb

INDEPENDENT OPERATION

84–168 hours*

WI-FI

Wi-Fi 5 / 6 / 6E / 7

COVERAGE

Up to 2,000 ft LOS*

*Configuration, environment and line-of-sight dependent.

MATURE CAPABILITY. OPERATIONAL VALUE.

Designed and manufactured in the US, hundreds of RDUs are deployed—demonstrating a mature operational capability engineered to add value today while adapting to tomorrow’s communications requirements.

INTEROPERABLE MESH CONNECTIVITY

Multi-path connectivity across satellite, cellular, broadband, fiber, copper, microwave and future transport technologies.

MISSION-FOCUSED ENGINEERING

Purpose-built for complex challenges requiring dependable power, communications and informed operational decisions.

ADVANCED DATA READINESS

Positioned for mainstream data transport and transformation capabilities, with an adaptable integration foundation for emerging technologies.

RAPIDLY CHANGING A COMPLEX WORLD

Secure, stable and scalable technology that supports customer requirements now and evolves with the mission.