



## NED-MSH

### Powerful Network Range Extender

The NED MSH is an intelligent wireless extension node that integrates with any NED gateway, delivering reliable connectivity in a compact, powerful package.

- 🔌 **Ruckus Unleashed Access Point**
- 🔌 **12Ah LiFePO4 Battery**
- 🔌 **External LAN RJ45 (optional)**
- 🔌 **Power Bank for Extended Operation (optional)**



### Field-Tested. Built for Anywhere. Trusted by Industry Professionals.

NED-MSH extends coverage with advanced mesh network capabilities. Its modular design and compact form allow for network extension in even the most remote or high-demand areas.

#### APPLICATIONS

- Extends NED gateways or any Ruckus deployed networks
- Fills coverage gaps in large operational environments
- Enables multi-node deployment with NED-SLG or NED-MSL



#### UNRIVALED CONNECTIVITY

- **Enterprise-Grade Mesh Wi-Fi:** Best-in-class mesh network connectivity for superior range and reliability
- **Ethernet Options:** Multiple ports for wired connectivity (optional upgrade)

#### WIRELESS PARTNERS



#### INTELLIGENT POWER & CONTROL

- **Next-Gen Power Board:** Proprietary design allows for unmatched power and deep customization
- **Multi-Output Support:** PoE, USB A/C, DC, and optional 110V connections
- **All-Day Power:** 12Ah LiFePO4 battery supports 8 hours of continuous use

#### RUGGED & PORTABLE

- **Compact, Military-grade Protection:** 13lb. SKB 3i-1309 case balances rugged protection with ultimate field mobility
- **Magnetic Vehicle Mount:** Ultrastrong magnets allow for secure mounting on vehicle rooftops or metal surfaces



## TECH SPECS: NED-MSL

### Wireless Partners

Ruckus Wireless - Enterprise Wi-Fi

Aruba Integration Q2 2025

### NED Monitoring

Bluetooth Monitoring / Control

Real-Time Display

Active Voltage Monitoring

Low-Power Cut-Off

High-Temp Shut-Down

### DoD Mil Spec Ruggedized Case

SKB 3i-2011-10

MIL-STD-810

### Power

Configurable Power Module Options

PoE, USB A/C, 110v, 24v Pass Through

PoE 12v, 24v, 48v - 150watt Each

LiFePO4 Lithium Iron 12Ah

### Dimensions & Weight

28.6"x17.55"x11.65" (L x W x H)

Weight: 13lbs with AP

## Mesh Network Extension

NED-MSH seamlessly extends your NED gateway's network reach, creating a robust wireless mesh that eliminates dead zones and expands coverage.

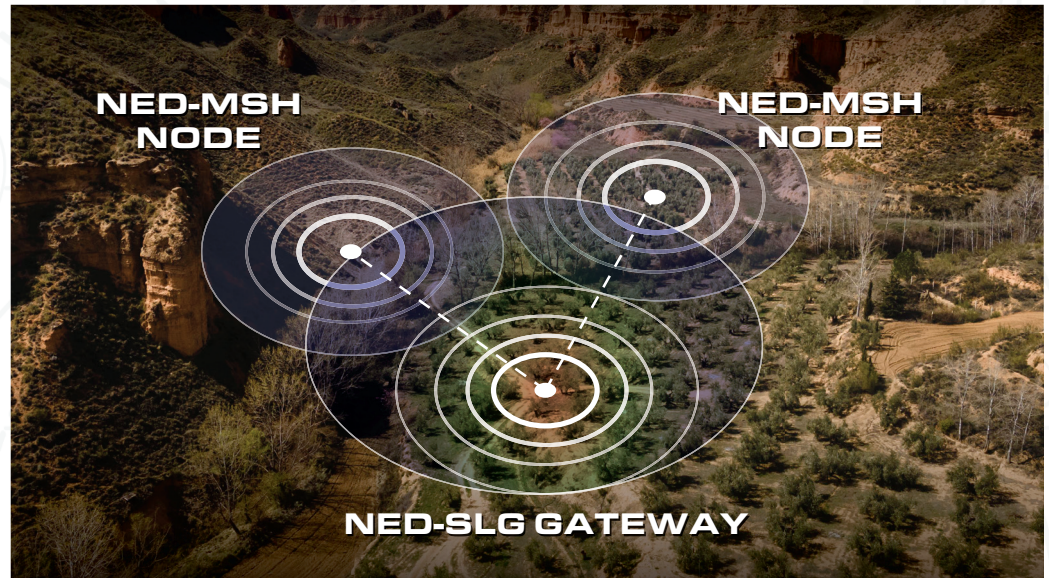
### DEPLOY ANYWHERE FOR COMPLETE COVERAGE

**Gateway Extension:** Works with NED-SLG and NED-MSL to expand network footprint.

**Seamless Roaming:** Maintain connections as devices move throughout the area.

**Signal Optimization:** Ruckus BeamFlex automatically selects best wireless path for consistent performance

**Flexible Placement:** Magnetic mounts and tripod compatibility for strategic positioning.



## FAMILY OF PRODUCTS

NED offers a family of enterprise-level network extension devices that operate independently or as an integrated system, delivering scalable connectivity with military-grade reliability.



Mad River Enterprises, creator of NED products, develops scalable network solutions for seamless deployment in demanding environments.



## UNSTOPPABLE, ENTERPRISE-LEVEL CONNECTIVITY

See how NED can transform your mission-critical networks.

**REQUEST A DEMO**

CALL 888-788-4961 OR EMAIL [SALES@NEDSGEAR.COM](mailto:SALES@NEDSGEAR.COM)