

Constellation Response x AT-LABS

RM-2 RESPONSE CRATE SYSTEM

The best incident response out-of-the-box, is in ours.

Professional mesh communications for emergency services, utilities, agriculture, security, and defense.

RESPONSE
CRATE

CRATE
MINI

WHEN YOUR COMMS FAIL, THE MISSION FAILS.

Cell Networks

Power inefficient and can't reach what they can't see. Coverage is limited to line-of-sight so canyons, hollows, and more go uncovered.

Satellite Comms

Expensive subscriptions whether used or not, clear sky-view requirements, and power hungry hardware. Still reliant on 3rd party infrastructure. Not built for the field.

DIY Mesh Nodes

Hobbyist boards and 3D printed radios are fragile, inconsistent, and largely unsupported. They're a prototype, not a solution.

AT Labs builds the gap-filler: rugged, subscription-free, out-of-box ready mesh communications.

Constellation Response x AT-LABS

THE RM-2 RADIO

*The backbone of every
Response Crate deployment.*

2W LoRa Output

PLI Quad Helix GNSS Antenna

U.S. Manufactured PCB



Custom Firmware

Supports Meshtastic and Meshcore - Open source, field-proven mesh protocols. Optional custom keeps radio in spec, so you don't have to.



2W LoRa Output

Full 2 watts of transmit power for maximum mesh range. Part 97 Device.



Aluminum Housing

Built to survive the same conditions your team operates in. Not a consumer device.



Mesh Technology

Every radio is also a repeater, so the coverage goes where your team goes.

Field-tested during Hurricane Helene response operations. Starting at \$795

Constellation Response x AT-LABS

THE RESPONSE CRATE

Complete TOC-in-a-box. Open it up, track everyone.

HARDWARE SUITE

15 × RM-2 Radios & Accessories

Radios, Antennas, Cables, and Pouches

Drop-In Charging

Fast Charging - No Loose Cables

Internal Battery

Server + Networking Fully Self-Powered.

TAK Server

ATAK & WinTAK — Locally. No Cloud.

SOFTWARE SUITE

XTOC Bundle

Operations Dashboard with AI assistant

AT-Labs Bundle

Plan, Provision, & Manage Radios

Weather Alerts

SAME Weather Radio Alert System

ADS-B / AIS Tracking

Offline aircraft and ship tracking

CalTopo Bridge

Offline/Local Location Tracking



Starting at \$25,000 · Made-to-order

Constellation Response x AT-LABS

THE RESPONSE CRATE MINI



What's in the box

5 × RM-2 Radios & Accessories

Part 97 2W LoRa, Meshtastic firmware, U.S.-manufactured PCB.

Built-in Cradles

Radios charge while stored. No cables, no scramble on scene.

Rugged Enclosure

Hard case — built to take what the mission dishes out.

External Power Input

Charges via vehicle outlet, generator, or shore power.

Perfect for:

Smaller units — Grab and Go capability for any size organization

Crate expansion — add radio capacity to an existing crate system

MSRP \$7,500 · Made-to-order

READY TO PUT A TOC IN YOUR TRUCK?

WARRANTY & SUPPORT

1-year warranty
on all radios and every kit
Extended Support & replacement plans
available for agencies

PRICING

Response Crate — Starting at \$25,000
Response Crate Mini — \$7,500
Both made-to-order.

rob@constellationresponse.com

Designed and built in Tennessee by Kenny Cornett · Field-tested during Hurricane Helene



x

