

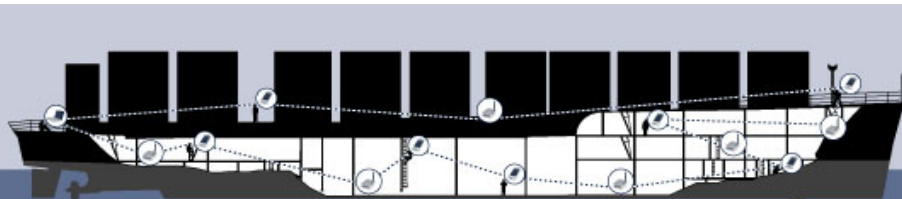
Tactical Mesh Router

A NEW APPROACH TO NETWORKING

CoCo[®] Tactical Mesh Routers (TMR) are battery-powered and enable users to easily and quickly deploy self-organizing, secure mobile mesh networks anywhere coverage is needed.

This lightweight and durable device is quickly and easily deployed with a touch of a button.

- **Instant, secure networks:** Set up communications in tactical, indoor, outdoor, vehicular, and maritime environments
- **Ruggedized design:** TMRs are built to resist moisture, heat, and harsh treatment
- **Easy deployment:** Powers on with a single button and indicator lights instruct operators where to deploy additional TMRs
- **Secure unattended deployment:** TMRs cannot be turned off without a password entered on a PDA or laptop
- **Secure voice, video, and data communications:** TMRs enable FIPS 140-2 level secure wireless communications
- **Flexible RF range:** Internal antennas usable for most deployments, external antenna support for longer ranges or specialized needs
- **Sensor ready:** TMRs have a port for connecting devices, such as cameras, biometric equipment, & other serial or USB-based devices
- **Remote monitoring:** TMR battery level and link strength indicators can be remotely monitored from anywhere on the network
- **End-to-end solution:** The TMR works seamlessly with other CoCo products to deliver an unmatched set of radio interoperability, mesh networking and disaster/ emergency response communications capabilities



“Regular VHF radio doesn’t work below deck too well, but CoCo enables Coast Guard personnel to maintain 100 percent wireless connectivity”

– LT Michael Doyal, U.S. Coast Guard



POWERED BY
CoCo Node

Why CoCo Networking?

Mobile - Delivers data in challenging, complex mobile situations

Federally Tested - Tested and used by the US Coast Guard, Army and Navy; at the Defense Interoperability Communications Exercise (DICE) in 2006 and 2007 at the DoD Joint Interoperability Test Command (JITC); and is FIPS 140-2 validated

Scalable - No limit to the size or location of your network

Disaster-Proof - Completely distributed, resilient networks that are not dependent on fixed infrastructure single points of failure

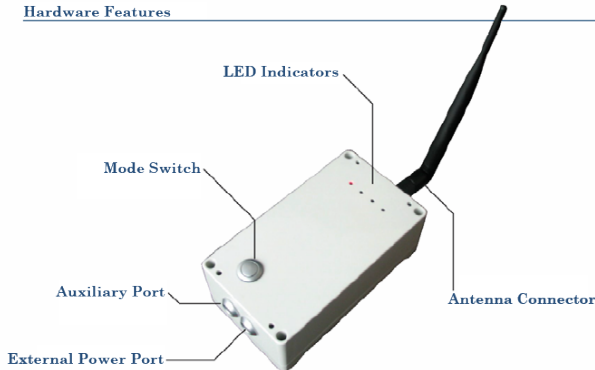
Open - Seamlessly supports existing IP applications

CoCo Tactical Mesh Router

NETWORKS WITHOUT BOUNDARIES

The TMR sets up instant mobile and secure networks.

Hardware Features



- **Extend your capabilities to the tactical edge of your network:** Deliver information from decision makers conducting real-time operations where it is needed most
- **Provide situational awareness to remote areas:** Gives insight into tactical activities for higher-level decision makers
- **Overcome typical barriers to setting up networks:**
 - No available power
 - Remote of zero infrastructure environments
 - Dark spots created by line of sight obstructions

Model #:
2310

Enclosure:

- Rugged, high quality, textured, UL-508-approved polycarbonate enclosure
- Captive screws set into stainless steel inserts for prolong IP67/NEMA rating, even after frequent reassembly
- Satisfies the drop test requirements of MIL-STD-810f

CPU:

Low power embedded CPU-PXA 270, 520MHz

Wireless:

400mW 802.11a/b/g – Mini-PCI card

LED Indicators:

Multi-function LEDs provide deployment guidance and indicate battery life

Antenna Options:

- Internal diversity antennas provided
- Accommodates addition of external antennas via RPTNC Connectors

Intrusion Protection:

Designed to IP-66 / NEMA 4X

EMI Compliance:

FCC Part 15 class A

Battery:

8 hour internal rechargeable battery

AC Input Voltage:

100-240VAC, 50-60Hz

DC Input Voltage:

Charger supplied, 4 hour recharge time

Dimensions:

6.3"W x 3.5"D x 2.4"H (16ccW x 9ccD x 864ccH)

Weight:

1.6 pounds (0.73 kg)

Operating Temperature:

32–155°F (0–46°C)

Storage Temperature:

-4–140°F (-20–60°C)

Mounting Options:

Detachable belt clip and nylon strap.

Warranty:

1 year

Optional Accessories:

Accessory cable

Default Security Configuration:

- **End-To-End Cryptography**
Pluggable Cryptographic Suites - Default Algorithms: AES-128, Diffie-Hellman, Key Exchange, SHA-1; other algorithms possible
- **Link Cryptography**
Pluggable Cryptographic Suites - Default Algorithms: AES-128, Diffie-Hellman, Key Exchange, SHA-1; other algorithms possible

To learn more visit us at www.cococorp.com or call a CoCo sales representative at 1-866-575-4128



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CoCo Communications Corp. | 999 3rd Avenue | Suite 3700 | Seattle, WA 98104 | 206.284.9387 | www.cococorp.com