

Outdoor Mesh Router

A NEW APPROACH TO NETWORKING

CoCo[®] Outdoor Mesh Routers (OMR) are powered by CoCo[®] Node to form a self-organizing, self-healing mesh network that delivers a secure, globally scalable Mobile Ad-Hoc Network (MANET).

Outdoor Mesh Routers can be used to build larger, stronger networks that communicate the way people do: *directly, confidentially, and independently, even in the most difficult environments.*

- **Weatherproof design:** Designed for rugged environmental operation, the OMR is built to withstand extreme temperatures, wind, and rain
- **Outdoor coverage:** High-powered radios and antennas provide secure, wireless, wide area coverage
- **Seamless indoor/ outdoor handoff:** Create a single, seamless wireless network inside and outside your facility that covers your entire campus
- **Eliminate dark spots:** CoCo enabled devices, such as laptops or PDA's, also act as mesh routers, so the devices work with the OMR to expand coverage
- **Instant coverage expansion:** Coverage can be expanded by plugging in another OMR, and then the network will automatically configure itself to support the new device
- **Wireless coverage:** The OMR's mesh capabilities means wireless traffic can be forwarded without the cost of running wire to every device location
- **Video surveillance support:** Each OMR has two Ethernet ports and can act as a forwarding device for a network camera and can be installed with just a wireless camera, an OMR, a data cable, and power for the two devices



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

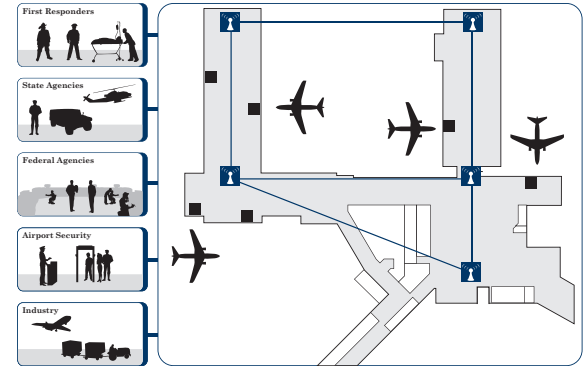
Instant and continuous network communication

CoCo Outdoor Mesh Router

NETWORKS WITHOUT BOUNDARIES

The OMR provides rugged, secure outdoor wireless coverage

- **Support VOIP mobility outdoors:** CoCo Node running on each OMR ensures that CoCo clients will have seamless handoff as they roam through the wireless coverage.
- **Simple administration:** CoCo networks are self forming and self healing and require little to no administration.
- **FIPS 140-2 security:** Validated for use in government networks for sensitive but unclassified communications.



Model #:

2210

Enclosure:

Cast aluminum

Networking:

Two 10/100 ports, Primary port surge protected to GR1089 Auto-MDIX

Wireless:

- Multiple 802.11 a/b/g, 900MHz, 4.9 GHz, or other cards in each OMR, depending on configuration
- Mini-PCI for platform flexibility

LED Indicators:

Status, WLAN, ETH

Antenna Options:

Antenna options can be tailored to meet deployment needs

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

Intrusion Protection:

IP65

Safety Compliance:

EN60950-1

EMI Compliance:

FCC Part 15 class B with collocated 802.11a/b/g transmitters

AC Input Voltage:

115VAC, 60Hz, 50W

DC Input Voltage:

48VDC local power input (36-60V range); Photocell power options available

Power Over Ethernet:

High-power passive Power Over Ethernet input (48V nominal, 36-60V range) with 1500VRMS electrical isolation for compliance with EN60950 and 802.3

Dimensions:

280mm x 190mm x 130mm

Weight:

6.6 lbs (3 kg)

Operating Temperature:

-40°F - 170°F (-40°C - 80°C)

Storage Temperature:

-58°F - 194°F (-50°C - 90°C)

Mounting Options:

Wall, Pole

Warranty:

1 year

Accessories:

Serial cable

Professional installation required in accordance with all applicable regulations

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



Copyright 2002-2009 CoCo Communications Corp. CoCo is a registered trademark of CoCo Communications Corp.

All rights reserved. U.S. Pat. 7,624,165. Specifications subject to change without notice.

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