

Indoor Mesh Router

A NEW APPROACH TO NETWORKING

CoCo[®] Indoor Mesh Routers (IMR) 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).

Indoor 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.*

- **Seamless indoor coverage:** Designed for indoor operation, the IMR provides secure wireless coverage throughout any building, such as an office, school, hotel, or airport
- **Save expense of running wires:** The IMR's mesh capabilities means wireless traffic can be forwarded without the cost of running wire to every device location
- **Indoor VoIP mobility:** CoCo Node running on each IMR ensures that CoCo enabled devices will have seamless handoff as they roam through the wireless coverage area
- **Eliminate dark spots:** CoCo enabled devices, such as laptops or PDA's, also act as mesh routers, so the devices work with the IMR to expand coverage
- **Instantly expand network coverage:** Coverage can be expanded by plugging in another IMR, and then the network will automatically configure itself to support the new device
- **Video surveillance support:** Each IMR 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 IMR, a data cable, and power for the two devices
- **Simple administration:** CoCo networks are self forming and self healing and require little to no administration.



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

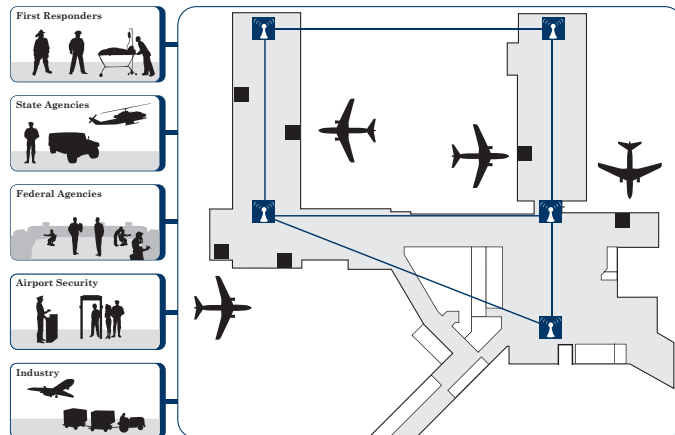
Instant and continuous network communication

CoCo Indoor Mesh Router

NETWORKS WITHOUT BOUNDARIES

The IMR deploys instantly for secure wireless coverage

- **Cost effectively deploy secure indoor wireless coverage** – low administration and configuration costs, along with reduced installation costs
- **Easily manage your resources** – basic network administration skills are all that are required to operate an IMR and other elements of a CoCo network
- **Create high speed voice and data networks** - the IMR's 802.11 a/b/g radio can support high data rate throughput and handoff for multimedia streaming



Model #:
2210

Enclosure:
Flame retardant ABS, UL flame rating of 94-5VA

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

Wireless:
One-400mW 802.11a/b/g

LED Indicators:
Power, wired and wireless network activity

Antenna Options:
4dBi dual-band 2.4/5 GHz Omni antenna standard
Reverse SMA bulkhead connectors for use with external Antennas

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

EMI Compliance:
FCC Part 15 class B

Safety Compliance:

Industry Canada - RSS210, ICES003, NMB003, CNR210, CE Mark-EN 60950, EN 301 489-1, EN 301 489-17, EN 301 893, EN 300 328, EN 800 836

AC Input Voltage:
100-240VAC

DC Input Voltage:
5VDC, 3A adapter included

Power over Ethernet:
802.3af

Dimensions:
7.5"W x 5.0"D x 1.8"H (191mm x 128mm x 83mm)

Weight:
15.5 oz (440g)

Operating Temperature:
32 – 131°F (0 – 55°C)

Storage Temperature:
-58 – 194°F (-50 – 90°C)

Mounting Options:
Wall mounting screws, desktop

Warranty:
1 year

Accessories:
Serial cable

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



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