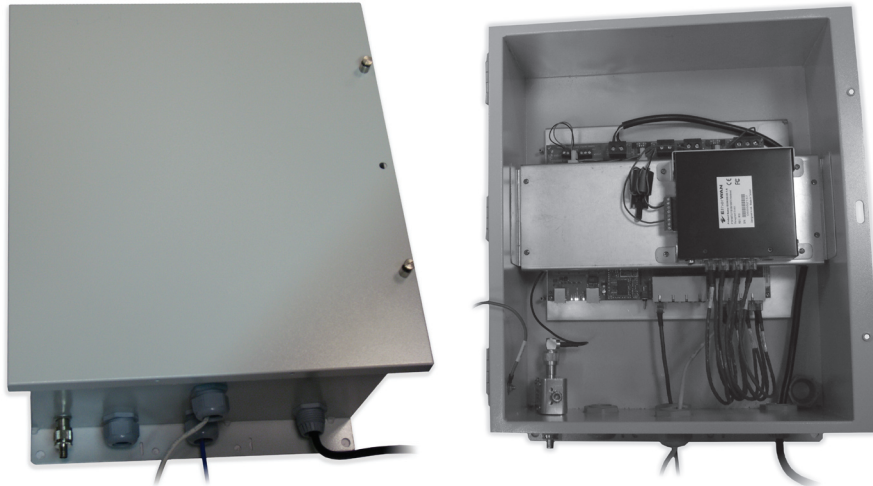




## wi4 Fixed

# Cluster Management Module 4

GPS Synchronization, Control and a Full Featured Switch for wi4 Fixed Canopy® Networks



### MOTOwi4™ Solutions

The CMM4 supports wi4 Fixed Point-to-Multipoint Canopy products. MOTOwi4 is a comprehensive portfolio of wireless broadband solutions and services that provides high-speed connectivity, enabling a broad range of applications in a host of environments. The MOTOwi4 portfolio also includes wi4 WiMAX, wi4 Mesh and wi4 Indoor solutions for public and private networks.

### A Full Featured Cluster Management Module

For service providers, it is critical to offer reliable, cost-effective solutions to their customers. The Cluster Management Module 4 (CMM4) allows network operators to reduce the time and labor cost of system installation and maintenance in Canopy clusters. The CMM4 provides reliable GPS network synchronization with a more integrated solution including:

- Nine access ports
- Full featured switch
- Gigabit Ethernet port
- Integrated lightning surge suppression

Designed to deliver consistent and reliable wireless broadband service, the Canopy system gracefully scales to support large deployments. The CMM4 is the heart of the system's synchronization capability which allows network operators to re-use frequencies and add capacity while ensuring consistency in the quality of service to customers. With synchronization, subscribers can experience carrier grade service - even those at the outer edge of the network.

The CMM4 has a large housing to accommodate an alternate operator-supplied packet switch, if necessary. It is powered via a new 30V DC power pack.

### Additional Ports

The CMM4 offers one additional port than the CMMmicro, for a total of nine ports. There are eight 10/100Base-T ports and one copper 10/100/1000Base-T port.

### Full Featured Switch

The CMM4 can be managed with a Network Manager using SNMP, Web Browser, Telnet, or the console port. It supports Port-based VLAN and IEEE802.1Q VLAN Tagging and GVRP. The CMM4 is also supported by Canopy's Prizm Element Management System (EMS).

### Gigabit Ethernet port

In many cases, network operators need to provide high speed data. For network operators using high speed Point-to-Point links, this is critical. The CMM4 now has a single Gigabit Ethernet port for terrestrial feeds or high speed links.

### Integrated GPS Lightning Suppression

The CMM4 comes standard with a built-in GPS lightning suppression system. In addition to this built in feature, the CMM4 also supports dual power supply input redundancy. (Power supply sold separately).

### Availability

The CMM4 is currently available and may be ordered now. In addition to the CMM4, Motorola also offers the CMMmicro for smaller installations. For more information on the CMMmicro or CMM4, please see the Canopy website.

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**CLUSTER MANAGEMENT MODULE 4 CHARACTERISTICS**

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Power 30V DC (150 W at 40° C)

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**PHYSICAL**

Dimensions 20.75H" x 14.75W" x 7.75D" (52.7cm x 37.5cm x 19.7cm)

Weight 14 lbs (6.4 kg)

Max. Distance from Managed Radios 328 cable feet (100m)

Max. Distance to GPS Antenna 100 cable feet (30.5m)

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**ENVIRONMENTAL & REGULATORY**

Operating Temperature -40 to 131 °F (40 to 55 °C)

Humidity 100% condensing

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For more information about how the Canopy system can extend your network and services, and provide competitive advantage and outstanding ROI, call 1-866-515-5825 or visit us at: [www.motorola.com/canopy](http://www.motorola.com/canopy)



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