

OpenWay® Riva Routing Node– Mesh Node Base



OpenWay Riva Routing Nodes are a collection of network devices designed to augment field area routers to ensure connectivity of the various end points within an OpenWay Riva RF mesh network. The Mesh Node Base enables the option to deploy via a pole or wall mounted device where the network needs an additional node to boost connectivity. This product has an integrated antenna and is available in either 120 VAC or 240 VAC versions.

The Mesh Node Base addresses a number challenges within mesh network deployments;

- » Strengthens the mesh network in areas where additional nodes are needed to ensure effective communications and network path resiliency
- » Extends the reach of the mesh network by bridging gaps where RF signals cannot connect
- » Provides a unique solution to Multi-Dwelling Units (MDU's) and other challenging RF environments by providing both RF (Radio Frequency) and PLC (Power Line Carrier) links to create highly reliable links into isolated meter rooms.

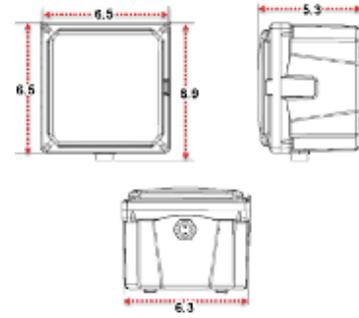
KEY FEATURES:

- » Simple, low cost, small footprint, low power consumption
- » Easy installation
- » Allows OpenWay Riva battery-powered devices to join the network as leaf nodes to the Mesh Node
- » Provides a secure two-way, encrypted connection to the Cisco Connected Grid Router (CGR) through the mesh network
- » Acts as a meshing node to strengthen the performance of the network

PHYSICAL SPECIFICATIONS

The Mesh Node Base is contained in a lightweight, gray IP68 rated polycarbonate enclosure.

Dimensions, weight and pallet weight	
L x W x H (in inches)	6.5 x 6.9 x 5.3
Weight (per Mesh Node Base)	2.1 lbs
Pallet weight	120 lbs (27 Mesh Node Base devices per pallet)



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