



OVERVIEW: The Mi.Net Mi.Node (licensed) is a state of the art high powered transmitter used to transmit meter readings to the user interface software. Utilizing a high powered 2 watt transmission and a low FCC licensed frequency the Mi.Node can transmit over longer distances than any other transmitter in the market reducing the amount of necessary infrastructure. Full two-way functionality down to each endpoint allows for the user to actuate the RDM shut off valve and execute an on-demand read typically within 30 seconds.

OPERATION: The Mi.Net licensed node is designed to read meter usage and data recorded by the encoder register and transmit it back to the utility in real time. The Mi.Net licensed node operates on a licensed frequency in the VHF 136-174 MHz bands, ensuring maximum range and reliability. The Mi.Node can be installed in a variety of configurations including wall-mount/pit mount options, encoder/digital pulse, and single or dual configurations. The standard Mi.Node is pre-programmed to deliver hourly data every 5 hours. If the customer requires more frequent data they can simply execute an on demand read and get a live reading from the meter within seconds. Electronic data collection improves customer service and allows the utility to better address consumption disputes, water conservation, and monitor water usage. When attached to a meter, the Mi.Node monitors, identifies, and immediately notifies the utility of alarms such as continuous flow, no flow, leaks, tampering, and reverse flow. Readings and meter data are stored in the software database for historical customer usage profile generation.

SECURE AND ROBUST: The Mi.Net licensed Mi.Node is universal and compatible with Hersey (Translator), Elster (Scancoder, Invision and Smart Meter), Neptune (ARB III / IV / V, ProRead, Auto Detect, and E-Coder), Sensus (ECR II and ICE), Badger (ADE), Metron, and all other common Absolute Encoder registers.

PERFORMANCE: The Mi.Net licensed node only has one operational mode - full two watts of power output in each transmission, without any reduction to warranty. Based on two and a half decades of expertise and experience deploying Fixed Networks in the demanding security industry, Mi.Net licensed technology employs field proven levels of safety measures to protect the data, creating the most reliable communication system offered to the AMI industry.

Features

- Full two-way communication
- Two watts power output achieving the longest range industry wide
- FCC licensed frequency
- Low VHF Frequency
- Instant installation verification
- Easy plug & play installation
- Remote Disconnect (RDM) compatible
- Automatically transmits critical alerts in real time
- Fully potted unit for pit applications
- Both single port and dual port options

Performance Specifications

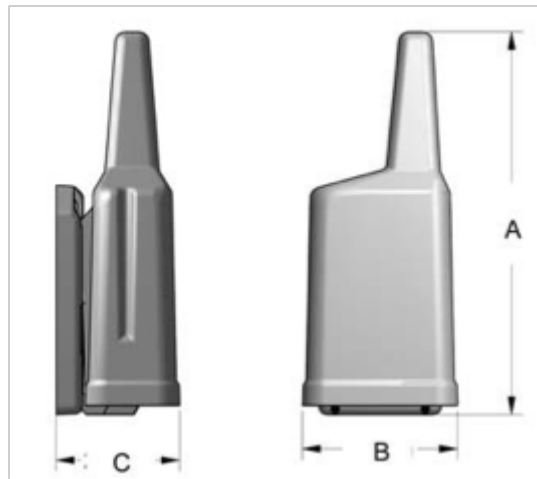
INSTALLATION ENVIRONMENT	Inside / Outside / Pit installation
FREQUENCY BAND	VHF 136-174 MHz
POWER OUTPUT	2W
OPERATING TEMPERATURE	-22°F / 120°F (-30°C / 60°C)
STORAGE TEMPERATURE	-40°F/158°F(-40°C/70°C)
METER COMPATIBILITY	Encoder and Digital Pulse registers

See Dimensions and Weight on next page

Dimensions and Net Weight

Dimensions (inches)				
	A	B	C	Weight (lbs)
Wall Mount	8.41	3.38	2.7	1.3
Pit Mount	6.93	3.44	1.64	1.6

Wall Mount



Pit Mount

