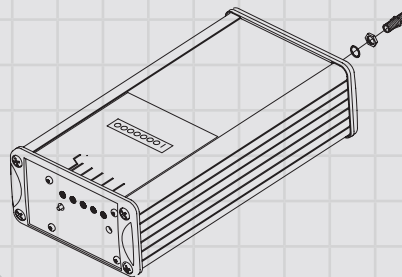
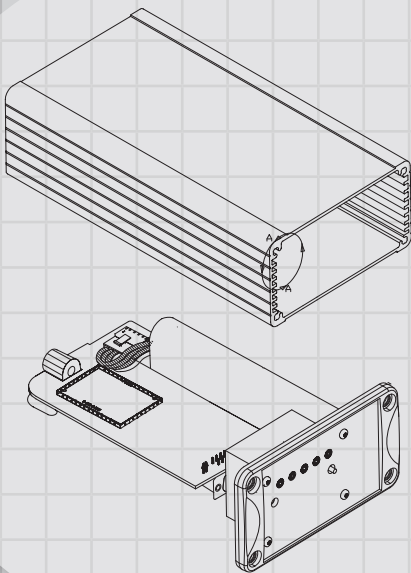
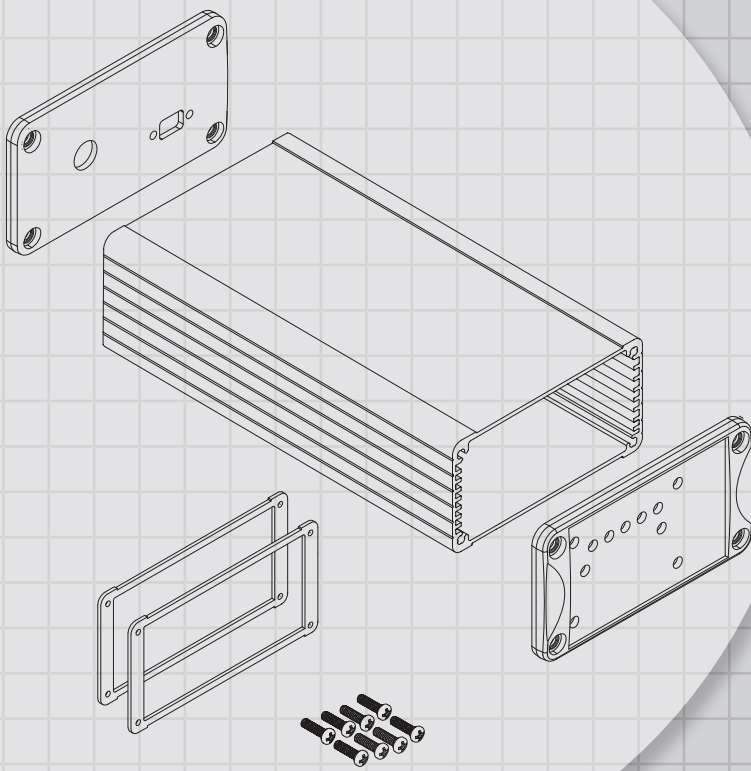


# M3 – Mini Mobile Marker

ComSonics, an employee owned company, is the global leader in proactive plant maintenance, providing solutions to ensure HFC plant integrity and performance improvement. We offer solutions and simple-to-use tools to improve drop integrity and provide ingress mitigation.

ComSonics' M3 offers high pressure drop and in-building cable integrity troubleshooting. The M3 also provides *triple* frequency detection to ensure complete spectrum coverage. Targeted for use with ComSonics' QAM Compass to provide home certification & installation integrity.



- contractor work verification
- evaluate new property wiring
- ingress detection and mitigation
- qualify and QC cable drop and installation wiring
- troubleshoot and fix repeat service call problems
- qualify new cabinet builds and MDU enclosure wiring

## Features

### Three Frequency Bands

- frequency for each band is preset within the band's tunable range
- user selectable bands B1, B2, or B3

### Two Level Power Output

- power level output is preset by user for each of the two levels: L1 and L2
- power levels are adjustable from +40 to +60 dBmV in 2 dB increments
- user selects output power L1 or L2

### One Button Control

- easy to use
- push and hold: on and off
- button push cycles between different combinations of power level and frequency bands

### LED Indications

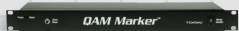
- LEDs indicate:
  - » battery charge level
  - » frequency band
  - » power level

## Specifications

### Performance

RF Output	B1: VHF 132.5—140.5 MHz B2: UHF 606.5—614.5 MHz B3: LTE 720.0—1200 MHz
Level Output Power	L1: +40 to +60 dBmV $\pm$ 2 dB L2: +40 to +60 dBmV $\pm$ 2 dB
Frequency Stability	$\pm$ 1.5 ppm over temperature
Power Consumption	1.3 watts
Full Power On Time	25 hours
Battery	Rechargeable Li-Ion: 7.4 Vdc 5,200 mAh
Battery Recharge Time	5 hours
Mechanical Connectors:	RF Out: F81, Field Replaceable Device Configuration: Mini-USB Battery Charge: Pin Connector
Size	7.4" L x 3.4" W x 1.9" H
Weight	22 oz
Operating Temperature	-4°F to +113°F; -20°C to +45°C
Charging Temperature	32°F to +113°F; 0°C to +45°C
Storage Temperature	-4°F to +140°F; -20°C to +60°C

## ComSonics also offers:

A black, rack-mountable electronic device with the text "QAM Marker" printed on its front panel.

QAM Marker



QAM Shadow



Genacis QS



QAM Compass



QAM Sniffer