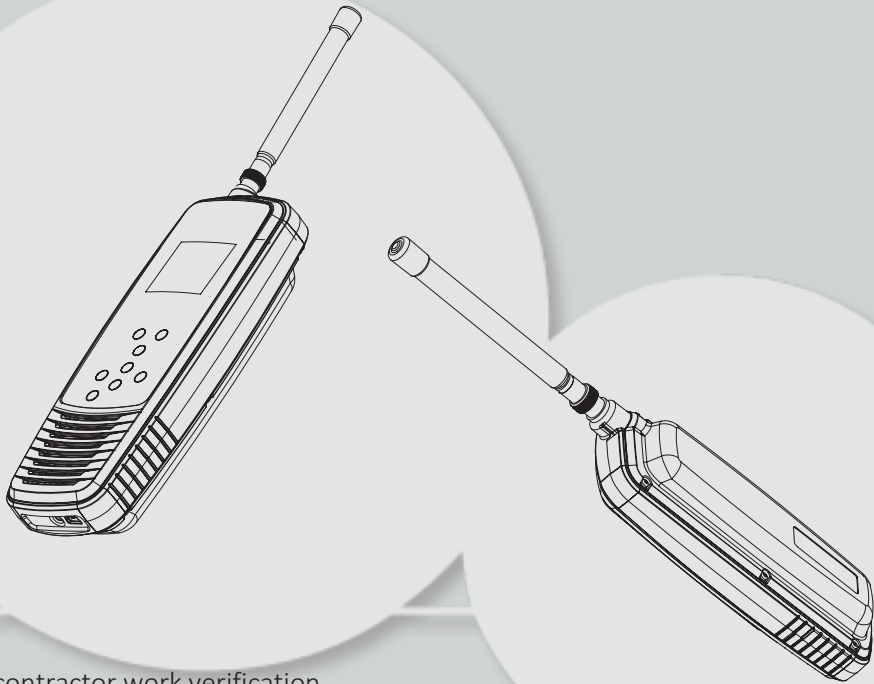
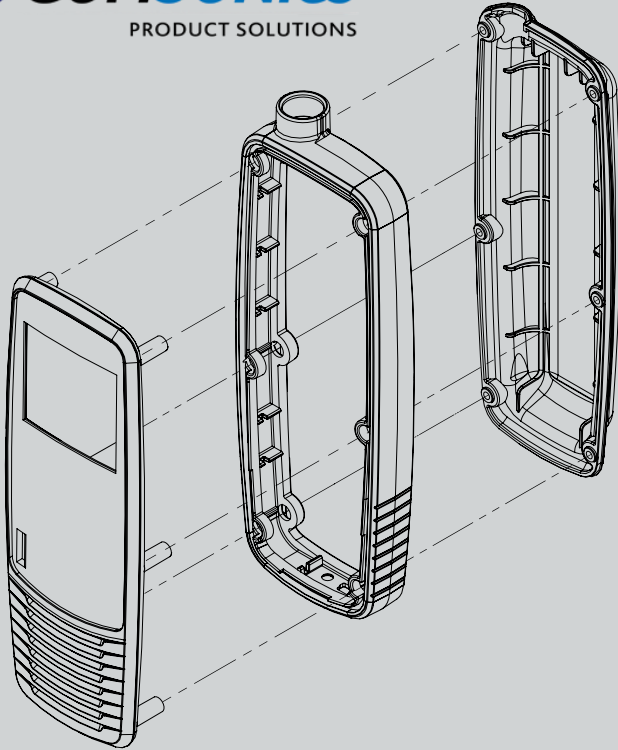


# QAM COMPASS

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' QAM Compass is for drop integrity and in-building ingress mitigation.

- qualify and QC cable drop and installation wiring
- troubleshoot and fix repeat service call problems
- qualify new cabinet builds and MDU enclosure wiring



- contractor work verification
- evaluate new property wiring
- ingress detection and mitigation
- home certification & installation integrity
- built-in multi-frequency antenna provides ease-of-use



## Features

### Tuning Adjustments

- distance adjustments: 1, 10, 30, 75, 150 ft or 1, 3, 10, 25, 50 meters
- squelch setting default: 20 $\mu$ V/m or dB $\mu$ V/m
- audio volume: 1(20%), 2(40%), 3(60%), 4(80%), 5(100%)
- frequency selection: VHF, UHF, and LTE bands

### D3.1 OFDM Leakage Detection per

### Band Mode Selection

- monitor mode, measurement mode, M3 mode

### Optional Vehicle Docking Cradle

- power and battery charge when docked

### MPL Integration

- communicates leakage data to Apple or Android devices with MPL application
- via Bluetooth V4.0 low power

### M3 Compatible

- works with the M3 shielding integrity
- platform supports shielding integrity up to 110 dB

### Unique Audible Warble Alert per

### Band Configuration Software

- OFDM Pilot Tone Setup
- Marker selection (1-3) for VHF, UHF, LTE
- level units of measure:  $\mu$ V/m, dB $\mu$ V/m
- distance units of measure: feet or meters
- peak hold time, bar graph sensitivity
- M3 detection band: VHF, UHF, or LTE
- antenna compensation

### RPD Compatibility

- Works with RPD systems that are compliant ComSonics' specifications

## Specifications

Operating Frequency	USA B1: 136.5—138.5 MHz
	USA B2: 610.0—612.5 MHz
	Int'l B1: 132.5—140.0 MHz
<i>Option</i>	Int'l B1: 259.0—271.0 MHz
	Int'l B2: 606.5—614.0 MHz
<b>Model 001</b>	
	USA B3: 770.0 —781.0 MHz, 900—1.2 GHz
	Int'l B3: 824.0—836.0 MHz, 950—1.2 GHz

### Model 003\*

USA B3: 760.0—1.20 GHz  
Int'l B3: 824.0—1.20 GHz

Measurement Accuracy	$\pm 2$ dB
Receiver Sensitivity	-100 dBmV
Antenna Compensation	Configurable in dBi
Bar Graph Sensitivity	Configurable x1, x10, x100
Peak Hold Time	0 to 60 seconds
Battery:	Rechargeable Li-Ion: 7.4Vdc 3,200 mAh
Dimensions:	Height: 7.36" (187mm) [without Ant]
	Width: 2.75" (70mm)
	Depth: 1.6" (41mm)
Operating Temperature	0°F to +140°F; -18°C to +60°C
	+32°F to +104°F; 0°C to +40°C
External Power Supply	20°F to +150°F; 29°C to +66°C
	Storage Temperature

## ComSonics also offers:

\* Int'l units with SNs greater than 00910100 are Model 003.



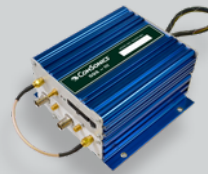
QAM Marker



QAM Sniffer III



QAM Shadow



Genacis QS III



M3 — Mini  
Mobile Marker