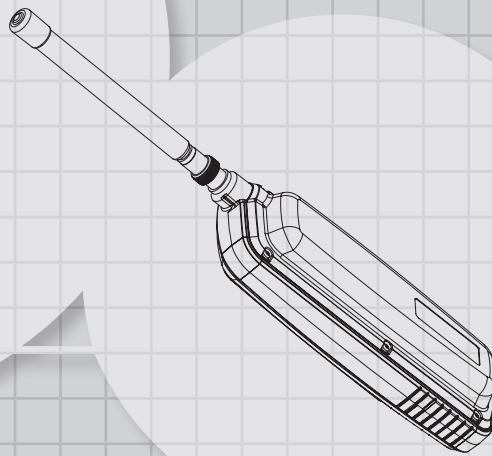
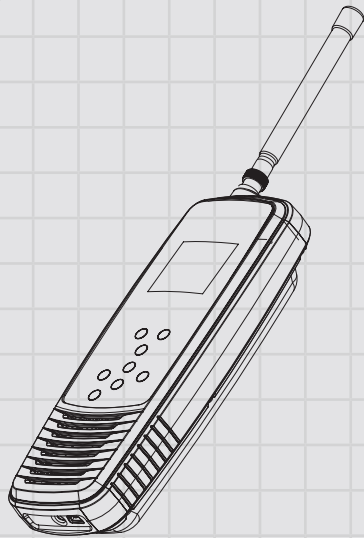
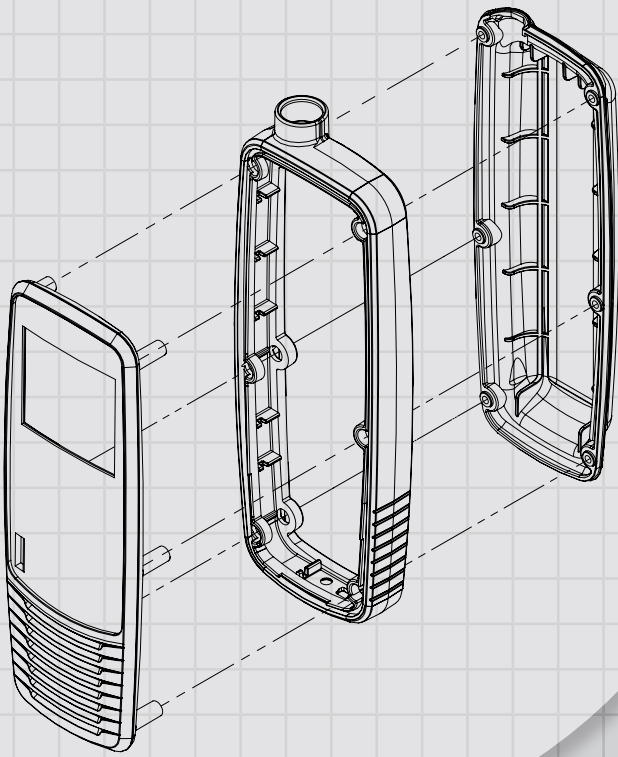


QAM Compass

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 μ V/m or dB μ V/m
- audio volume: 1(20%), 2(40%), 3(60%), 4(80%), 5(100%)
- frequency selection: VHF, UHF, and LTE bands

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

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

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
Option Int'l B1: 259.0—271.0 MHz
Int'l B2: 606.5—614.0 MHz

Model 001

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 ± 2 dB

Minimum Receiver Sensitivity ± 1.5 ppm over temperature

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

External Power Supply +32°F to +104°F; 0°C to +40°C

Storage Temperature -20°F to +150°F; -29°C to +66°C

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

ComSonics also offers:



QAM Marker



QAM Sniffer



QAM Shadow



Genacis QS



M3 — Mini
Mobile Marker