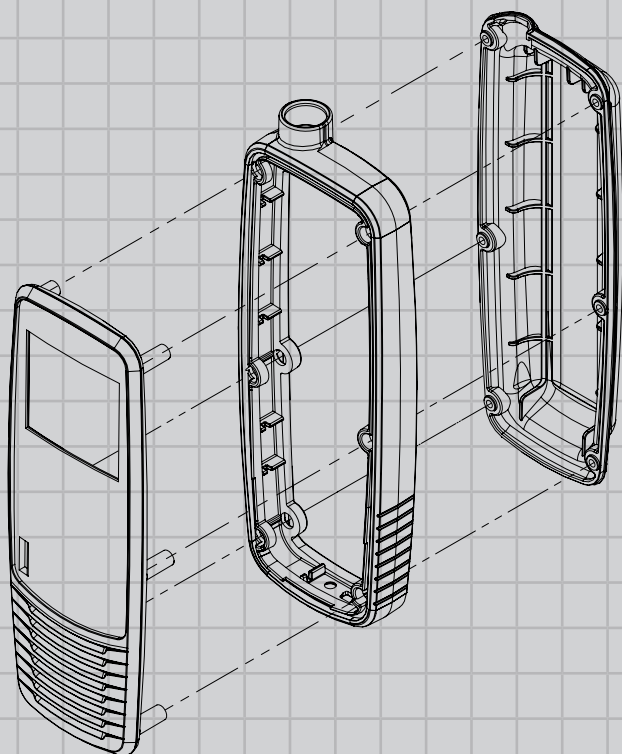


MODEL

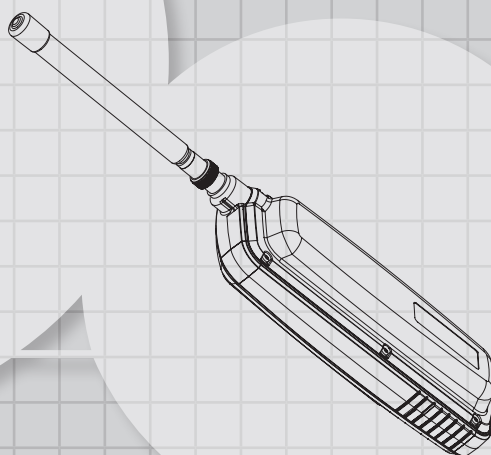
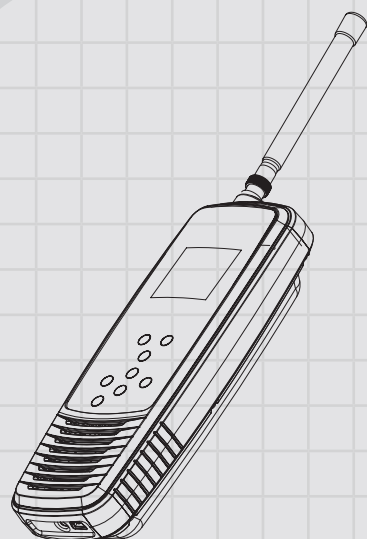
QAM COMPASS



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

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COMSONICS®
PRODUCT SOLUTIONS

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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

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: 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

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
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

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)

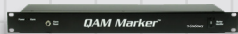
Operating Temperature 0°F to +140°F; -18°C to +60°C

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:



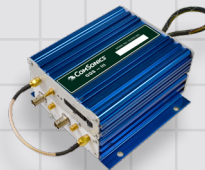
QAM Marker



QAM Sniffer III



QAM Shadow



Genacis QS III



M3 — Mini
Mobile Marker