

QAM Shadow

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 Shadow is targeted for in-building leakage detection and ingress mitigation when portability and ease-of-use is most important.



- contractor work verification
- evaluate new property wiring
- ingress detection and mitigation
- extremely easy to use with one-button operation
- DOCSIS 3.1 ready to future proof your investment
- built-in near-field antenna eliminates the need for external antennas

Features

DDF - Digital Dual Frequency

- Digital leakage detection
- UHF and VHF frequencies
- Eliminates false leaks

One Button Control

- Easy to Use
- Button Push Controls:
 - » Frequency toggle
 - » Backlight for 10 seconds
 - » Volume settings
 - » Mute
 - » Power on/off

Flip-up Antenna/Display Cover

- Opening Lid Turns on unit
- Lid Open: Measurement Mode
- Lid Closed: Monitor Mode
- Dual frequency antenna built into Lid

* measured 10 feet from leakage source

Specifications

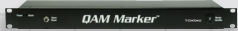
Configuration

Units-of-Measure	$\mu\text{V/m}$, $\text{dB}\mu\text{V/m}$, $\text{dB}\mu\text{V}$
Measure Mode Squelch Squelch Default	0 to 1,999 $\mu\text{V/m}$ 20 $\mu\text{V/m}^*$
Monitor Mode Squelch Level Selection Range	10 to 400 $\mu\text{V/m}$ □ 50 $\mu\text{V/m}^*$
Volume Settings	Mute, -12, -9, -6, -3, 0 dB

Performance

Tuning Frequency	USA B1: 136.50—138.5 MHz USA B2: 610.00—613.5 MHz Int'l B1: 138.25—140.5 MHz Int'l B2: 606.50—614.0 MHz
Receiver Sensitivity	-102 dBmV @ 138 MHz - 98 dBmV @ 612 MHz
Measurement Accuracy	+/- 2 dB
Measure Mode Range*	18 to 1,999 $\mu\text{V/m}$
Monitor Mode Range*	50 to 1,999 $\mu\text{V/m}$
Battery	Lithium Ion 1550 mAh
Size	5.25" x 2.5" x 1.6"
Weight	7 oz
Operating Temperature	0°F to +140°F; -18°C to +60°C
Storage Temperature	-20°F to +150°F; -29°C to +66°C

ComSonics also offers:



QAM Marker



QAM Sniffer



QAM Compass



Genacis QS



M3 — Mini
Mobile Marker