

# DATA SHEET



## DRV3 portable digital leakage receiver

### Description about the product:

- Agile between 118-140 MHz (Mid-band) and 572-960MHz (LTE-band)
- Real-Time RF Spectrum Mode and Level Display of Dual Frequencies in Split Screen.
- Egress measurements sampling four times per second.
- Accurate GPS Location of egress impairments within meters.
- Analog /Video/QAM DOCSIS 3.1/ OFDM/OU DP and RPHY compatible.

The **DRV3** portable digital leakage receiver is a dual-band/function meter that detects and records egress events during the vehicle drive-outs. The technicians can also grab it out from the vehicle cradle and use it in a find-and-fix mode to precisely locate the egress points. Closing out events is made easy, as the receiver records leaks and updates CPAT WEB database with customized 'close' codes for reporting and trending purposes.

# SPECIFICATIONS

<b>DRV3</b>	
	DETAILS
Detector type	Dual-band digital receiver/demodulator
Frequency range	Agile from 118-140 MHz (Mid-Band) Agile from 572-960 MHz (LTE-Band)
Channel Tuning	Configurable via USB port and front panel buttons
Level range	2 to 4,000 $\mu\text{V/m}$ @ 3 meters (mid-band), 5 $\mu\text{V/m}$ to 4,000 $\mu\text{V/m}$ @ 3 meters (LTE-band)
Level accuracy	$\pm 1.5$ dB mid-band $\pm 2.5$ dB LTE-band
System Tag	AM modulation 10-110 Hz DSB-SC modulation 3,500-7,000 Hz Video NTSC (mid-band only)
Audible Tone/Volume	Yes - varies with leak intensity
RF Level Scale display	Single scale from 0 to 4,000 $\mu\text{V/m}$
Measurement Units	$\mu\text{V/m}$ and dBuV/m
Power	Pack of 2 rechargeable Li-ion cells, 3,100 mAh
Operation time	2.5 hours nominal (both tuners activated) or 4.0 hours nominal (one tuner activated)
Charging Temperature	0°C to 45°C / 32°F to 113°F
Operating Temperature	0° to +40° C / 32° to +104° F
Communication Port	USB serial port
PHYSICAL	DETAILS
Dimensions (H x W x D)	21 cm x 11 cm x 4 cm / 8.3" x 4.3" x 1.6"
Weight	850 g / 30 oz
DOCK STATION	DETAILS
Dimensions (H x W x D)	24 cm x 12.5 cm x 8 cm / 9.4" x 4.9" x 3.2"
Weight	240 g / 9 oz

*\*Specifications subject to change without prior notice.*

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