

DRV4 Digital Leakage Receiver



Description about the product:



- Cost-effective, autonomous digital and analog dual- mode leakage detection module
- Fully agile 118-140 MHz (mid-band) and 600-860 MHz (LTE-band)
- System Tag detection: AM / DSB-SC tag and video synchronization
- Real-time leakage management via the CPAT WEB
- False leak detection using the CPAT FLEX algorithm
- Tech-free operation

The DRV4 is a vehicle-based digital leakage receiver designed to operate in both digital and analog cable networks. Once combined with the ARD4 autonomous recording device, it becomes a powerful and fully automated leakage monitoring platform that operates in the background while technicians drive their routes, without operator interaction. You can install it and forget about it!

SPECIFICATIONS

| DRV4 | |
|--|---|
| | DETAILS |
| Detector type | Dual-band digital receiver / demodulator |
| Frequency range | Agile 118 to 140 MHz (mid-band) Agile 600 to 860 MHz (LTE-band) |
| Tuning resolution | 100 Hz |
| Level range | 2 to 4,000 $\mu\text{V/m}$ @ 3 meters (mid-band) 5 to 4,000 $\mu\text{V/m}$ @ 3 meters (LTE-band) |
| Level accuracy | ± 1.5 dB mid-band ± 2.5 dB LTE-band |
| System tag | AM [10 to 110 Hz] DSB-SC modulation 3,500 to 7,000 Hz Video NTSC (mid-band only) |
| Measurement units | $\mu\text{V/m}$ and $\text{dB}\mu\text{V/m}$ |
| Power | Via the ARD4 port (+ 5 VDC 0.8 A) |
| Communication port | ARD4 port (proprietary) and USB serial port |
| Storage temperature | -20° to $+40^{\circ}\text{C}$ / -4° to $+104^{\circ}\text{F}$ |
| Operating temperature | 0° to $+60^{\circ}\text{C}$ / -32° to $+140^{\circ}\text{F}$ |
| Maximum relative humidity | 80% for temperatures up to 31°C (88°F) decreasing linearly to 50% relative humidity at 40°C (104°F) |
| Dimensions [H x W x D] | 3.3 cm x 11.2 cm x 22.3 cm / 1.3" x 4.4" x 8.8" |
| Weight | 770 g / 27 oz |
| ORDERING INFO | P/N |
| DRV4 - Vehicle-based digital leakage receiver | 150-00035-100 |
| RELATED ITEMS | P/N |
| ARD4 - Autonomous recording device | 150-00020-100 |
| DSG1 - Head-end digital signal generator | 150-00030-100 |

*Specifications subject to change without prior notice.

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