

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 it!

HIGHLIGHTS

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 CPAT CONNECTIONS

False leak detection using the CPAT FLEX algorithm

Tech-free operation



SPECIFICATIONS

DRV4

ELECTRICAL	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 $\mu\text{V}/\text{m}$ @ 3 meters (mid-band) 5 to 4,000 $\mu\text{V}/\text{m}$ @ 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	$\mu\text{V}/\text{m}$ and $\text{dB}\mu\text{V}/\text{m}$
Power	Via the ARD4 port (+ 5 VDC 0.8 A)
Communication port	ARD4 port (proprietary) and USB serial port
Storage temperature	-20° to $+40^{\circ}$ C / -4° to $+104^{\circ}$ F
Operating temperature	0° to $+60^{\circ}$ C / -32° to $+140^{\circ}$ F
Maximum relative humidity	80% for temperatures up to 31° C (88° F) decreasing linearly to 50% relative humidity at 40° C (104° F)
PHYSICAL	Details
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.



TECHNICAL SUPPORT TEAM

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