

The new **‘DRVXT’** portable digital leakage receiver is a four-band/function meter that detects and records egress events during the vehicle drive-outs. The technicians have the option to remove from the vehicle cradle and use it in a find-and-fix mode to precisely locate the egress points and/or even to be used as pressure test receiving device. Closing out events is made easy, as the receiver records leaks and updates the CPAT WEB database with customized ‘close’ codes for reporting and trending purposes. The DRVXT can also be used with the DSG1 Lite for in-home installations by detecting potential cable shielding integrity issues.

The new **‘DSGXT’** is a FOUR-band head-end digital signal generator that inserts downstream test signals without causing any interference or MER degradation. The DSGXT is compatible with our existing field detectors DRV3, DRV3 Lite, DRV4, and our latest newcomer DRVXT.

HIGHLIGHTS

- ⚡
Frequency agile from 120 MHz - 1800 MHz
- 😊
Detect up to 4 frequencies simultaneously
- D4.0
QAM, DOCSIS 3.1 & 4.0, OFDM
- ☁️
Enable collaboration with PNM tools
- 🔧
Simplify maintenance and service calls
- 📱
Mobile App Connectivity and CPAT WEB Integration
- ✅
Supports major R-PHY, R-MACPHY, and R-CCAP vendors, High Split Leakage Ready



SPECIFICATIONS

DRVXT

ELECTRICAL	Details
Detector type	Quad-band digital receiver/demodulator
Frequency range	Agile from: 120 to 150 MHz 600 to 1200 MHz 250 MHz to 600 MHz 1200 to 1800 MHz
Chanel tuning	Configurable via USB port and by front panel buttons
Tuning resolution	100 Hz
Level range	2 to 4000 μ V/m @ 3 meters (120 to 150 MHz) 5 to 4000 μ V/m @ 3 meters (250 to 1800 MHz)
Level accuracy	\pm 1.5 dB (120 to 150 MHz) \pm 2.5 dB (250 to 1800 MHz)
System tag	AM modulation 10-100 Hz DSB-SC modulation 3,500 - 7,000 Hz OFDM-PLC OUDP Ready
Audible tone	Yes, varies with leak intensity
Adjustable audio volume	Yes, variable
RF level scale display	Single scale from 0 to 4,000 μ V/m
Measurements units	μ V/m and dBuV/m
Power	Pack of 2 rechargeable Li-ion cells (TBD)
Operating time	2.5 hours nominal (both tuners activated) or 4.0 hours nominal (one tuner activated) (TBD)
Charging temperature	0°C to 45°C / 32°F to 113°F
Communication	Via USB serial port and Bluetooth (connectivity to Mobile app)
Operating temperature	0°C to 40°C / 32°F to 104°F
PHYSICAL	Details
Dimensions [H x W x D]	18 cm x 9 cm x 4 cm / 7"x 3.5" x 1.6"
Weight	650 g / 23 oz (TBD)
DOCK STATION	Details
Dimensions [H x W x D]	18 cm x 9.5 cm x 6 cm / 7" x 6.5" x 2.4" (TBD)
Weight	180 g / 6.8 oz (TBD)

* Specifications subject to change without prior notice.

DSGXT

ELECTRICAL	Details
Modulator type	Quad-band digital signal modulator
Tuning resolution	100 Hz
Frequency range	Agile from: 120 to 150 MHz 600 to 1200 MHz 250 MHz to 600 MHz 1200 to 1800 MHz
Frequency stability	\pm 500 Hz (118 to 400 MHz) \pm 2.5 KHz (300 MHz to 1.8 GHz)
Modulated signal	10 to 110 Hz AM tag 3,500 to 7,000 Hz DSB-SC tag
Output level from each RF output	+10 to 50 dBmV
Status display	Through an LCD on front panel
Power	120 VAC (Amperage and power TBD)
Setup	Through CPAT FLEX interface
Communication port	10/100/1000 Base-T Ethernet
Operating temperature	-20° to +60° C / -4° to + 140° F
PHYSICAL	Details
Dimensions [H x W x D]	IRU chassis 4.4 cm x 21 cm x 33 cm / 1.75" x 8" x 13"
Weight	3 kg / 6.6 lbs (TBD)
ANTENNAS	Details
Patrol mode	Wide-band Shark fin type with a magnetic base (200 MHz to 1.8 GHz) Rubber duck VHF antenna (118 to 200 MHz)
Portable mode	Up to 2 rubber duck antennas Frequency range depends on selected frequencies

* Specifications subject to change without prior notice.



TECHNICAL SUPPORT TEAM

T + 1-888-495-6577 F + 1-514-495-4191 cpat@effigis.com