MOTOROLA SOLUTIONS

VIPER

ONE POUND, MULTI-MISSION, TACTICAL SDR

VIPER can simultaneously house multiple SIGINT and EW apps, enabling operators to rapidly shift from app to app as their missions dictate. A flexible Front End (FE) and commercial RF connectors provide the technical agility to process a variety of radio technologies and freqs from TETRA to LTE in a single, exceedingly small-SWaP platform. Weighing just one pound, VIPER is ideal for rapid deployment in manpackable, sUAS, vehicular, and semi-permanent or fixed-site configurations.

TARGET ENVIRONMENTS

MANPACKABLE | sUAS | VEHICULAR | SEMI-PERMANENT OR FIXED SITE

FEATURES

Small SWaP: 1.0 lb, 7.24" x 3.15" x 1.19"

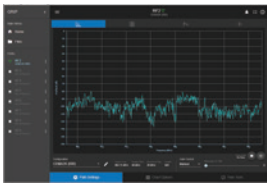
Ruggedized: MIL-STD-461F and MIL-STD-810G Compliant

Transmission and Reception: 70 MHz - 6 GHz

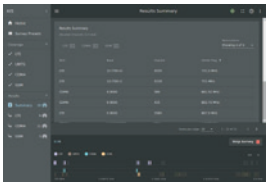
Specialized Front-End Connectors

Quickly and Easily Pivot Between Apps

SUPPORTED APPLICATIONS AND EXPANSION MODULES



GRIP provides I/Q capture of multiple RF receivers concurrently with synchronous start, enabling detailed signal analysis and easy alignment of coordinated signals.



AI Survey performs high-speed, ultrawideband surveys of cellular technologies, providing in-depth decoding of all cell parameters for detailed mission analysis and prep.

TACTICAL LTE, when loaded into either a VIPER with Mid Power Amplifier, VENOM or VENDETTA SDR, provides a tactical-edge, private, self-contained, LTE Network with an integrated eNodeB and EPC.

Mid Power Amplifier is a compact expansion module for VIPER that provides 40W Peak / 5W average output power, performing cellular missions spanning from 730 MHz - 2200 MHz.

For more information, please contact: **ATInfo@motorolasolutions.com**

Applied Technology

www.motorolasolutions.com/appliedtechnology