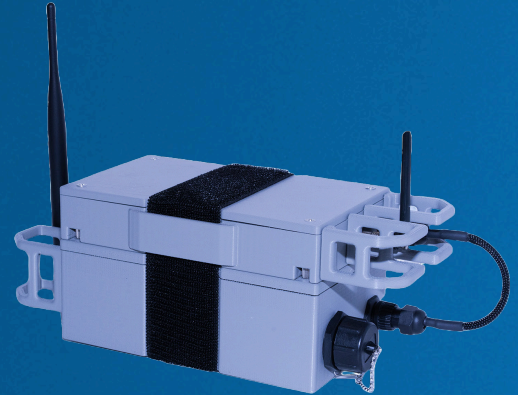




Tactical SDR Kit consisting of ruggedized IoT network and receiver components designed for small team training and employment.



From TTP development to operational deployment MANTIS offers a flexible user-defined experience. Operators can choose from predefined configurations or take full advantage of MANTIS's modularity to create any number of mission-specific configurations.



### Features

- Ruggedizes common lower tier SDR & IoT building blocks to create an affordable and flexible mission ready EW capability.
- Drives commonality in power & connectivity across several SDRs.
- Kit includes common interconnect and power cables .
- Kit bundles COTS SDRs, IoT processors, cables & batteries into a single rugged waterproof case with a single SKU.



### Benefits

- A cost-effective platform to develop TTPs and deploy with the same kit
  - Train like you Fight.
- Preloaded open-source software allows freedom of movement in the EW spectrum by tailoring to mission parameters.
- IOT processors allow remote and autonomous operations.

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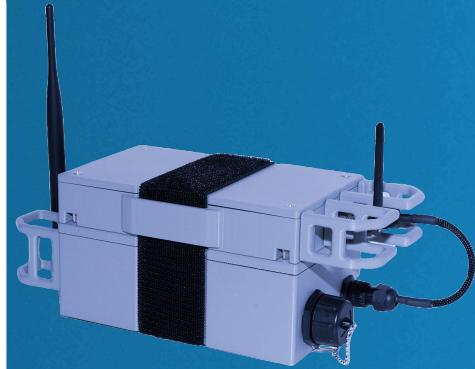


# Tactical IOT SDR Kit

## Specifications

### COTS SDR

- TX & RX Freq: 1 MHz to 6000 MHz
- Bandwidth < 20 MHz
- Half-duplex transceiver
- TX power 15dBm
- USB 2.0 Power & Connectivity  
(rugged waterproof connector)
- 9x4.25x2, 1.75lbs, rechargeable batteries



### IOT Processor

- Quad core 64-bit SoC @ 1.8GHz
- 8GB LPDDR4-3200 SDRAM  
(depending on model)
- Gigabit Ethernet
- 2 USB 3.0 ports
- Micro-SD card slot for loading OS and data storage
- 10x4.25x3, 14oz., USB power