Finally, a Radio Direction Finding (RDF) System that provides the ultimate in truly stealthy, body-worn capability for the individual operator with virtually hands-free functionality and low visual signature.

THiEF
VERSION II

THiEF Version II (THiEF V2) builds on the success of the original THiEF and adds frequency range and demodulation / decode capabilities to the system. THiEF V2 retains the same rugged all-in-one design of the original with a new frequency range extending from HF to UHF. The THiEF V2 can demodulate and decode common digital push-to-talk (PTT) protocols. The extended frequency range and digital PTT capabilities are all incorporated while still retaining the original THiEF's industry-leading Size, Weight and Power (SWaP) profile.

The new THiEF unit weighs under two lbs, employs our unique integrated receiver/antenna design that is less than 6 inches (150mm) in diameter. Lightweight rechargeable and hot-swappable batteries can provide up to 14 hours of continuous operation. Due to its size, THiEF enables the operator to mount and operate THiEF on platforms previously reserved non-DF capable systems. THiEF's size represents a significant reduction in visual exposure, making both the system and operator more survivable and lethal.

In addition to a small visual and operational footprint, THiEF has a completely new Android based User Interface (UI) that provides full operation of multiple THiEF V2 RDF nodes simultaneously.

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Map display provides instant visualization of line of bearing (LOB) information and new or archived LOB data

Band or Full DF calibration

Imbedded electronic compass and GPS with automatic declination adjustment based on node's location.

Single channel, search, or scan programming options

GPS location and independent LOB data for each networked node

Intuitive Android and Windows based user interfaces.

Network multiple RDF nodes to a single Android or Windows Controller

Choice of DF or Homing modes

Decoding and Demodulation of Digital Push-to-Talk

Automatic and continuous storage of all signal related information

1.75"

6"

THiEF
VERSION II

SPECIFICATIONS & DIMENSIONS

RRT PART NO. - 08-778-0060

Controller Display Specifications:
- Android application (Android version 8.1 or newer)*
- Intuitive, easy to learn
- Data and Audio recording and playback
- Google Maps based map display
- 32GB Micro SD card data storage (removable)

Controller/Display Dimensions:
- Weight: 5.54oz (without Bluetooth Backpack ~10oz with)
- Length: 6.25"
- Width: 3.25"
- Height: 0.5"
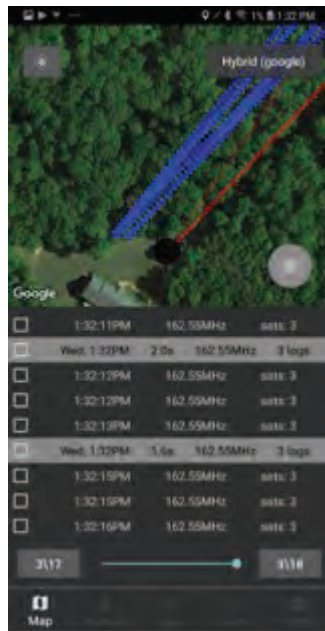
Receiver/Antenna Dimensions:
- Weight: 22oz (without batteries)
- Diameter: 5.75"
- Height: 2"

Mounting Options:
- Hand-held
- Low profile vehicle mount**
- All terrain tripod
- Concealed

* Application loaded on Samsung Galaxy device (S9 or higher)
** THiEF is fully operable while on the move.

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RRT Inc. is ISO 9001:2015 certified