



smartDF

The Rhotheta RT-600 on your iPad



The product

smartDF is an iPadOS application designed for monitoring Rhotheta RT-600 airborne V-UHF direction finders over a Bluetooth® Low Energy (BLE) link. smartDF is compatible with RT-600-A and RT-600-L models. The app relies on built-in GPS-GNSS, compass, and accelerometer sensors in the iPad. All information available from the DF is conveniently displayed over maps with state-of-the-art graphics.

Features at a glance

- iPadOS application operating over Bluetooth® LE link
- All available DF data is displayed on maps with intuitive GUI
- DF signal & squelch levels, band & frequency, bearing beacon ID & location
- Line-of-bearing (LOB) save-on-screen option
- LOB Intersection (Triangulation) Area display-on-screen option
- Repeat Reply DF and GPS data option
- Lock/Unlock iPad option for turbulence and bad weather scenarios
- Easy integration of BLE adapter with DCU over serial RS232 port
- Cospas-Sarsat™ and Lo-Jack™ bearing and decoded data displayed
- Live and Averaged relative bearing, Live-Bearing-Cone option
- Magnetic bearing option if magnetic heading is entered
- Mapbox™ library for geolocation, vectorized layers and of line maps
- Automatic logging of DF, GPS, and Errors data logging
- Annunciator panel with status of iPad Bluetooth®, Compass, GPS



RHO *The Leader in DF*
International Inc **THETA**

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TECHNICAL DATA

Required Connectivity	Bluetooth® BLE
Compatibility	RT-600-A, RT-600-L
Map Capability	MapBox™ Library for geolocation, Vectorized Layers, Offline Maps

MINIMUM TABLET REQUIREMENTS

Operating System	iOS 14.3 or newer <ul style="list-style-type: none">• Wi-Fi 802.11a/b/g/n/ac• HT80 with MIMO• Bluetooth® 5.0• UMTS/HSPA/HSPA+/DC-HSDPA (850, 900, 1700/2100, 1900, 2100 MHz)
Cellular and Wireless	<ul style="list-style-type: none">• GSM/EDGE (850, 900, 1800, 1900 MHz)• Gigabit-class LTE (Bands 1, 2, 3, 4, 5, 7, 8, 11, 12, 13, 14, 17, 18, 19, 20, 21, 25, 26, 29, 30, 34, 38, 39, 40, 41, 46, 48, 66, 71)
Location	<ul style="list-style-type: none">• Digital Compass• WiFi• Cellular• iBeacon Microlocation• Built in GPS/GNSS
Sensors	Accelerometer



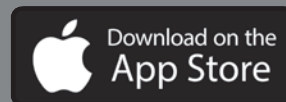
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