



# 900 Series HandTrackIT<sup>®</sup> Receiver



## Features and Benefits

- ⇒ Lightweight Radio Receiver
- ⇒ Can be Run from a Handheld PC
- ⇒ Rapid Data Collection
- ⇒ Allows for a Combination of Manual and Radio Reads
- ⇒ Designed to Work in an Open Systems Environment

**Application** The 900 Series HandTrackIT<sup>®</sup> Receiver is the handheld data collection device in the BluTower 900 Series AMR system. The HandTrackIT<sup>®</sup> is a radio receiver that permits pedestrian meter readers to collect meter readings at the roadside instead of through visual meter reading.

**Installation** Transponders can be selectively installed on “hard to read” meters to permit the combination of visual, touch and radio reads on a single route.

**Operation** The HandTrackIT<sup>®</sup> collects data from the BluTower Transponder and BluMet, a meter interface unit (MIU) that transmits the meter reading and status information.

A handheld computer using the BluTower RAMIC interface protocol controls the HandTrackIT<sup>®</sup>. Most utilities’ existing handheld computers and route management software packages can be integrated with the open interface of the HandTrackIT<sup>®</sup>.

**Standards** The system operates in the 902 MHz to 928 MHz band and is FCC Part 15 compliant, which means that no part of the system requires a license for operation.

- FCC Part 15 (Class B device): Radiated and conducted emissions
- IC RSS210: Industry Canada Specification for Approval of Low Power, License Exempt Radio Communication Device

Part Numbers	
HandTrackIT <sup>®</sup> Receiver	RR-915/F-01-03
Aceeca Ruggedized Palm Handheld	95009901
Tablet with Route Management Software	MeterTap-Tablet

OPERATIONAL AND PHYSICAL CHARACTERISTICS	
Wireless Specifications	Operates in the 902 MHz to 928 MHz license exempt ISM band
Operating Temperature	-4° F to +140° F (-20° C to +60° C)
Storage Temperature	-40° F to +176° F (-40° C to +80° C)
Enclosure	Housed in a watertight, aluminum screening case with a black cover and belt clip
Data Format	Data is sent in fixed length, error checked, encoded data packets
Power Source	Draws power (4-10V) from the handheld computer
Weight	10.4 oz (300g)
Dimensions	5" x 3" x 1"



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