

900 Series FastTrackIT[®] Receiver



Features and Benefits

- ⇒ Designed to work in an open systems environment
- ⇒ Fast data acquisition: >200 meters/sec
- ⇒ Operation at posted rate speeds
- ⇒ Readings in excess of 40,000 meters/day
- ⇒ Interfaces to popular billing and route management systems
- ⇒ Compact and easily transferable from one vehicle to another

Application The 900 Series FastTrackIT receiver is the vehicle based data collection device for the BluTower DataSource and 900 Series AMR system. The FastTrackIT is a radio receiver that permits meter readers to quickly retrieve a large number of meter readings from a vehicle driving at posted speed limits.

Operation A FastTrackIT is designed to fit temporarily in the passenger seat of a vehicle. It can be easily installed in the vehicle and removed so that there is no need to dedicate a single vehicle to the reading activity. The reading route file is loaded into the laptop computer before the route is read. At the end of the day the route file, with completed readings, is downloaded to route management or billing system. The receiver protocol is open so it can be integrated with most utilities existing handheld computers and route management software packages.

Accessories A complete FastTrackIT system includes:

- Radio receiver
- Laptop computer
- Data collection software
- Antenna
- Power cable
- Data cable

Standards The system operates in the 902 MHz to 928 MHz ISM band and is FCC Part 15 compliant, which means that no part of the system requires a license for operation. It is also meets the IC RSS210 standards for Industry Canada Specification for Approval of Low Power, License Exempt Radio Communication devices.

Part Numbers	
Description*	Part Number
FastTrackIT Receiver Package	820-100-10
FastTrackIT Antenna Package	310-200-10
FastTrackIT Systems Pkg includes laptop	830-100-10

*Please contact distributor or BluTower for full details of package contents and individual item requests.

OPERATIONAL AND PHYSICAL CHARACTERISTICS

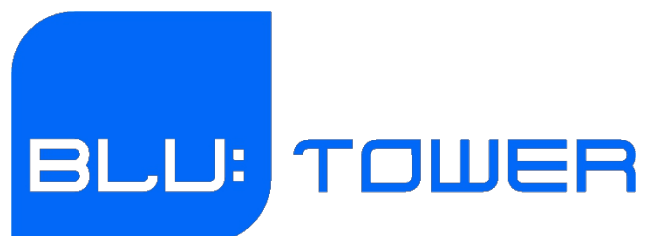
Wireless Specifications	Operates in the 902 MHz to 928 MHz license exempt ISM band
Operating Temperature	-4° F to +122° F (-20° C to +50° C)
Storage Temperature	-40° F to +158° F (-40° C to +70° C)
Operating Voltage	12VDC – FastTrackIT [®] has PSU that is hardened for use in vehicle systems
Power Consumption	3W (Nominal current is 250mA)
Communication protocol	RS-232 (DB9) at 115kbps
Antenna	13 3/4" x 7 1/2" x 2" co-linear antenna with magnetic mount base
Dimensions	10 3/4" x 7 1/2" x 2"
Weight	2 lbs



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