

Features

APPLICATIONS: The Hersey® STREET MACHINE™ is a high performance, low cost, vehicle based AMR receiver. It is designed to collect water meter data via radio frequency while driving a meter route at posted speed limits. The complete STREET MACHINE™ System includes the radio receiver, data collection software, antenna and all cable connections. Implementation of a low cost, mobile meter reading solution like the STREET MACHINE insures significant performance improvements in meter reading efficiency, customer satisfaction and cash flow for utilities.

OPERATION: The STREET MACHINE can be temporarily or permanently mounted in any vehicle. Once initialized, it operates quietly in the background and transfers data to a computer of the utility's choice. The STREET MACHINE receives data on multiple discreet frequencies for secure and reliable data processing. During the reading process, the operator can view route progress screens including the number of meters remaining to be read, collected meter readings and meter status data. At the end of the day, the data is downloaded to the EZ Reader™ route management software and uploaded to the utility's existing billing system with a few clicks of a mouse. A standard series of reports are available for viewing performance of the system.

PERFORMANCE: The STREET MACHINE receives power through the vehicle utility power outlet. A magnetic antenna on the vehicle's roof provides the powerful interface for reception of all RF communication from Hersey HOT ROD™ radio transmitters. Meter information is transmitted every 2 seconds to insure continuous high performance data capture on multiple receiver channels of the STREET MACHINE. The meter reader collects all RF data by simply driving past the meters (Please! posted speeds only though you'll feel you could go much faster).

CONFORMANCE TO STANDARDS: The system is FCC Certified for operation in the United States. It is fully compliant with FCC Part 15 and no FCC license is required for operation.

CONSTRUCTION: The STREET MACHINE™ receiver is small, lightweight and encased in rugged thermoplastic. All internal electronics are shielded against electro-magnetic interference. Connection to a laptop of the utility's choice is accomplished via the RS-232, 9 pin connection located on the back of the unit. All connections are clearly marked for operational efficiency and ease of installation. LED lights confirm power and data reception status.



Materials and Specifications

- **RADIO FREQUENCY** Operates on 902 to 928MHz (No FCC license required)
- **PC OPERATING SYSTEM** Windows® XP or newer
- **OPERATING SOFTWARE** EZ Reader Route Management
- **RECEIVER POWER SUPPLY** Powered via vehicle power outlet; 12VDC
- **RECEIVER DIMENSIONS** L: 7" W: 5.75" H: 1.5"
- **RECEIVER WEIGHT**6 lbs
- **Compatible For Dual Operation With Ramar® FastTrackIT®** (May Require Additional Hardware For Dual Operation)
- **ANTENNA HEIGHT** 16" Magnetic Mount
- **ONE WAY COMMUNICATION; FCC LICENSE EX-EMPT**
- **OPTIONS** Vehicle Mounting Bracket, RS-232/USB Adapter
- **OPERATING TEMPERATURE:** -40°F to + 122°F (-20°C to + 50°C)
- **STORAGE TEMPERATURE:** -40°F to + 176°F (-20°C TO + 80°C)

STREET MACHINE™ Dimensions

