

## Features

**APPLICATIONS:** The Itron® Mobile Collection System™ is the latest addition in mobile meter reading solutions from the AMR industry's leader. The system is designed to be temporarily installed in a vehicle used to drive a meter reading route. Capable of reading water, gas and electric meters, the system can read up to 24,000 meters in a single route at a time or can read up to 100,000 meters when reading multiple routes simultaneously. The Mobile Collection System is compatible with all Hersey meters equipped with ERT modules. Itron or Hersey software is used for all reading, report generation and import/export of data functions and is sold separately. See the MV-RS Software and EZ Reader Software pages for information on these software options.

**OPERATION:** The Mobile Collection System is a total meter reading system with a complete range of functionality when combined with Hersey meters and the utility's choice of software. It can read ERT modules connected to a variety of manufacturers' meters in either wake-up or bubble-up mode. The Itronix® GoBook MAX™ laptop features a user friendly interface with its full color, touch screen, interactive display. Operation and training are simple for route drivers. It's as simple as turning it on and driving the route at posted speed limits. Interaction with the laptop consists of turning it on at the beginning of the route and turning it off upon completion. At the end of the day the unit can be removed from the vehicle and the data is uploaded to the billing system. The system is completely network compatible for uploads and downloads or can operate on a stand alone PC.

**CONFORMANCE TO STANDARDS:** FCC Compliance: Part 101

**CONSTRUCTION:** The Mobile Collection System consists of a rugged Itronix GoBook MAX laptop interface and the Mobile Collector which is encased in a durable plastic cabinet. The Itronix GoBook laptop interface has a full color, touch sensitive screen. It operates on Windows 2000 software interface. The laptop's 20 GB hard drive is supported by 64M CF nonvolatile backup. The Mobile Collector transmits the required wake-up tone (when programmed in wake-up mode) and receives the return signal from the ERT module. All mounting hardware, cabling and direct mount antennae are included with the system, which should be hard wired to the fuse block for power. Total weight of the entire system is approximately 25 pounds.

Mobile Collection System™ is a trademark of Iron Inc., Spokane, WA  
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## Materials and Specifications

- **MODEL** ..... Mobile Collection System  
Includes: Itronix Laptop Computer  
Mobile Collector  
Roof Mount Antenna  
Mounting Hardware  
Required Cables
- **DRIVE** ..... 20 GB hard drive on laptop and 64 M CF nonvolatile backup
- **OPERATING FREQUENCY** ..... Transmitter:  
952 or 956 MHz  
Receiver: 915 MHz ISM Band
- **DISPLAY** ..... Touch Sensitive, Full Color, Windows 2000
- **LAPTOP** ..... Itronix GoBook MAX
- **POWER SUPPLY** ..... 12 V DC vehicle power supply (hardwire)
- **POWER CONSUMPTION** ..... 8A: transmitting mode
- **OUTPUT POWER** ..... 4 watts peak
- **SIZE** ..... Cabinet Dimensions: 13" x 16.5" x 6"
- **WEIGHT** ..... Mobile Collection System:  
approximately 25 lbs.
- **OPERATING TEMPERATURE** ..... -4° to 122°F
- **STORAGE TEMPERATURE** ..... -40° to 160°F