FlexNet EasyLink Reader

The FlexNet EasyLink™ Reader is a portable, radio-based device used to acquire data from utility meters that utilize Sensus SmartPoint® modules and/or Itron ERT radios. The Reader is compact and portable, allowing it to be used in any vehicle providing 12-volt DC power.

FlexNet and Itron Compatibility

The Reader provides the ability to read SmartPoint modules for water, gas and electricity meters along with Itron (SCM) Standard Consumption Messages and SCM+ technology used by ERTs. By combining these two technologies, the utility can utilize their existing ERTs while transitioning to FlexNet.

Keep your ERTs and upgrade to SmartPoint modules as necessary—it's the best of both worlds.

Ease of Operation

To operate the Reader, simply place the unit in a vehicle and drive the assigned route. Data is collected automatically.

Multiple read modes are available depending on the type of devices in operation. The Reader is capable of capturing data in either bubble-up or interrogation mode and also offers configurable alarms.

Portability

Advanced design results in a portable enclosure about the size of a small briefcase. With the addition of the portable computer, connecting cable and antennas, the complete FlexNet EasyLink Mobile Communications solution can be set up within minutes. Any vehicle can become a meter-reading machine.

System Reliability

The FlexNet® communications network utilizes primary-use radio frequencies to communicate with SmartPoint modules. The combination of FCC-protected frequencies and a full two watts transmission power of the SmartPoint modules ensure reliable meter communication and longer range. In addition, the SmartPoint and ERT modules provide infrastructure detail by monitoring operating conditions and reporting meter tamper, continuous flow and low battery alarms.

FEATURES

- Use in any vehicle providing 12-volt DC power
- Reads Sensus FlexNet water, gas and electric SmartPoints
- Reads SCM, SCM+ and SmartPoints
- Operators can input information including route notes manually via PC keyboard

BENEFITS

- Sensus user-focused hardware and software provides utilities with tremendous meter reading efficiency
- Dual reading capability allows for easy transition to a fixed-based platform
- Upgradable to Work Order Management Suite

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User-Friendly Software

The Reader utilizes the FlexNet EasyLink™ Workbook Application which provides a convenient, user-friendly, pull-down menu system for meter reading. The mapping feature enables further efficiency by customizing the meter reader view for relevant process information.

Specifications

Service	Radio-based mobile utility meter reading system
Physical Characteristics	EasyLink Reader in case 8"W x 12"D x 4"H (20.32 cm x 30.48 cm x 10.16 cm) (includes magnetic-mount antennas and hard shell carrying case)
Weight	18 lbs (8.16 kg)
Temperature	Operating: -4°F to +122°F (-20°C to +50°C) Storage: -40°F to +185°F (-40°C to 85°C)
Power	12-volt DC adapter through EasyLink Reader 7 watts
Frequency Range	FlexNet RX: 901-932Mhz FlexNet TX: 940-960Mhz ERT RX: 908-924MHz ERT TX: 952-956MHz
Receiver Sensitivity	Sensitivity depends on modulation and channel BW. For 7FSK in a 25Khz channel, sensitivity spec is -120dBm.
Memory	Non-volatile
Approvals	Licensed operation US:FCC CFR 47, Part 24D, Part 101C, Part 15: Canada: Industry Canada (IC) RSS-134, RSS-210
Software	EasyLink WorkBook Application and EasyLink WorkSpace Application

EasyLink Unit

FlexNet antenna

Power Cord

USB cable

ERT Antenna

sensus

a xylem brand

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