



RDL8500 - Remote data logger

The RDL8500 is a data logger for the TapWatch submetering system. The RDL8500 interfaces to the wireless network for collection of utility consumption data, stores the collected data, and transfers the data to a remote billing server for bill generation. A PC running TapWatch 3 software is used to access the RDL8500. The RDL8500 communicates with both Frequency Agile (FA) and EchoStream wireless networks simultaneously, enabling the expansion of previously installed FA sites with EchoStream hardware.

Why Inovonics Wireless is Best

The Inovonics Commercial Mesh Network has been specifically developed for commercial applications to provide the most cost-effective solution for a wide range of applications, while setting new standards for performance and reliability in a wireless sensor network.

Reliability

Inovonics EchoStream 900MHz radio utilizes a unique frequency hopping, spread spectrum technology to meet the demands of an increasingly cluttered wireless world.

Flexibility

The flexibility of wireless is a necessity in today's dynamic commercial environments. The self-configuring EchoStream Commercial Mesh Network allows you to adapt to changing floor plans and requirements in a matter of minutes. New sensors can be added to the network as fast as they can be mounted.

Scalability

The EchoStream Commercial Mesh Network's backbone of intelligent repeaters can extend coverage to thousands of sensors across entire commercial campuses.



Features

- Reliable data collection for submetering
- Wall mount design
- Logs data for up to 2000 individually managed meters
- Stores 90 days worth of meter reads per individual meter
- Logs data for gas, water, electric, and run-time meters
- Time stamps incoming data
- LAN (RJ45) connection for direct PC connection

Power Requirements

- 120 VAC transformer included (ACC612)

Operating Environment

- 32° to 140°F, up to 90% relative humidity, non-condensing

Dimensions

- 11.5" x 8.75" x 2.25"

Weight

- 2lbs 7oz

System Requirements

- EN4000 or FA403 receiver
- Analog phone line
- TapWatch 3 software

Connectivity

- LAN for directly connecting a PC running TapWatch 3 software
- Analog phone line for remote communications
- Power
- RF receiver - EN4000 or FA403

• The range and performance of any wireless product depends on the structure and environment in which it operates.
• Continual enhancements to our products may cause specifications to change without notice.