



## 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.

## 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 wall transformer sold separately (ACC611)

### 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 receiver
- Analog phone line
- TapWatch 3 software

### Connectivity

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