

# Specification Sheet

# InsideR™ Data Concentrator and Communicator (DCC)



## Description

**Operation.** Installed at a centralized point on a property, the Data Concentrator and Communicator (DCC), specifically designed for submetering, increases system reliability while offering a cost-effective alternative to an on-site personal computer. The DCC collects and stores data received from InsideR meters by the InsideR Receiver. The DCC transmits reading data to a billing site PC with TapWatch™ software via telephone modem, or to a technician's on-site laptop PC via a serial port. The DCC simplifies installation by allowing pre-programming of site information. On-site or remotely a technician can perform site data entry, data retrieval, troubleshooting and site data modification.

**Installation.** The DCC is designed for indoor installation, generally in an unobtrusive location near phone lines and a single standard 120 VAC wall outlet. Device is wall mounted with two screws. A maximum of 100 feet of 4-conductor, 22 gauge, unshielded cable must connect DCC and Receiver. DCC should never be installed on the floor or at floor level.

**Application.** Data Concentrator and Communicator is designed for installation in a multi-unit residential, commercial or industrial location.

*The InsideR System sets a new standard for fixed network RF reading in multi-family submetering:*

- *FCC Certified equipment.*
- *No license required.*
- *Simple installation with minimum disruption.*
- *Compatible with systems for gas and electric metering.*
- *Already installed and reading over 600,000 meters nationwide.*
- *Reading equipment manufactured by Inovonics Corporation, the leading name in submetering RF*

## Specifications

Power	14 VAC is needed to power the DCC. A transformer for 110-120 volt AC is supplied with the DCC. The Inside RF Receiver is powered from the DCC.
External Connections	Telephone - terminal block connection Receiver - terminal block connection 12 v power - terminal block connection Laptop PC - standard serial port
Data Capacity	Up to 90 days of data for 2000 meters at each site.
Compliance	FCC Part 15 and FCC Part 68
<u>Enclosure</u>	
Size	11" x 8.5" x 2"
Weight	2.5 pounds
Ambient OperatingTemp	32° to 140° F (0° to 60° C)
Installation	Indoors



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InsideR is a trademark of AMCO Water Metering Systems. TapWatch is a trademark of Inovonics Corporation.

The company's policy is one of continuous product improvement and the right is reserved to modify the specifications contained herein without notice. These products have been manufactured with current technology and in accordance with applicable AWWA Standards.

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