ZENNER Stealth Cellular Endpoints
Model: Stealth Cellular

DESCRIPTION

ZENNER Stealth Cellular Endpoints are innovative, two-way endpoints for smart water applications. The Endpoints utilize existing cellular infrastructure to efficiently and securely deliver meter reading data to the utility in a Network as a Service (NaaS) approach. Leveraging existing cellular infrastructure, the NaaS solution offers all the performance benefits of AMI, while eliminating network-related maintenance and technology concerns and enhancing deployment flexibility.

FUNCTIONALITY

Operation: ZENNER Stealth Cellular Endpoints communicate with the encoder and capture 1-hour interval read data and meter status information. The Endpoints then automatically broadcast the information, including endpoint status information, via the cellular network. The solution employs cellular endpoints which, as they leverage the public cellular network and require no proprietary gateways to operate, dramatically reduce infrastructure requirements compared to a traditional fixed network. This speeds installations and simplifies expansion as a system evolves.

Activation: ZENNER Stealth Cellular Endpoints are shipped in an inactive, non-transmitting state. The ZENNER Stealth Handheld Device can be used to activate the endpoints and verify the encoder connection. Successful endpoint function can be confirmed through a web app demonstrating that communication has been verified to both the encoder and the network.

Broadcast Mode: ZENNER Stealth Cellular Endpoints broadcast fixed network reading data through a secure cellular network within the service area.

Data Storage: Endpoints can store 4,000 readings whether it is in 1-hour mode or 15-minute mode.

Output Message: ZENNER Stealth Cellular Endpoints broadcast a unique serial number, meter reading data, and applicable status indicators.

APPLICATION

Configurations: ZENNER Stealth Cellular Endpoints are multi-purpose endpoints that can be deployed in indoor, outdoor and pit applications. The electronics and battery assembly are fully encapsulated in epoxy for environmental integrity. The Endpoint can be equipped with a connector assembly for ease of installation.

Meter Compatibility: The ZENNER Stealth Cellular Endpoint is compatible with all Sensus compatible meters.

FEATURES

- Sealed design that eliminates dirt and moisture infiltration.
- Battery-powered with 20-year warranty, 10-year full and 10-year pro-rated (see warranty sheet for detail).
- Replaceable batteries.
- Modules can be configured with a bare wire cable, Nicor Connector or Itron connector.
- Designed to be hung from the lid on the inside of the pit using the Stealth Reader Lid Lock Kits.
- Can be connected to as many as 10 nearby ZENNER Electronic Registers using Bluetooth technology.
- Has the ability to switch between cellular network providers automatically.

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