

ZENNER Stealth Cellular Registers

DESCRIPTION

ZENNER Stealth Cellular Registers 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 Registers either come pre-installed or are easily installed on to existing ZENNER multi-jet and ZENNER positive displacement meters. These cellular registers automatically broadcast meter information via the cellular network. They leverage the public cellular network and require no proprietary gateways to operate and dramatically reduce infrastructure requirements compared to a traditional fixed network. This speeds installations and simplifies expansion as a system evolves.

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

Broadcast Mode: ZENNER Stealth Cellular Registers 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 Registers broadcast a unique serial number, meter reading data, and applicable status indicators.

Registration: ZENNER Stealth Cellular Registers utilize a hermetically sealed magnetically driven solid state register with an 11 digit LCD display.

FEATURES

- Sealed design that eliminates dirt, moisture infiltration, and prevents fogging.
- Battery-powered LCD display with 20-year warranty, 10 year full and 10 year pro-rated (see warranty sheet for detail). There is a visible battery life alarm that shows up on the display near end of life.
- Magnetically shielded to protect from environmental or intentional magnetic interference.
- Registration can be configured in US Gallons, Cubic Feet or Cubic Meters.
- Displays flow rate in either GPM, CFM or LM depending on the registration.
- Customer removal of the register to obtain free water is prevented through the use of a tamper screw.

