

WB169-K430-V



USAGE

The wireless meter reader is designed for remote reading of the status of Sensus iPERL series water meters equipped with a 430 MHz radio transmitter and for transmitting the readings to the remote reading system via the 169MHz wM-Bus radio network

UNIT DESCRIPTION

The wireless meter serves as a local communication gateway for remote reading of Sensus iPERL series inductive water meters or devices equipped with wM-Bus interface. The reader receives regular radio messages from water meters in its vicinity and stores their contents in memory. At set time intervals, it transmits a summary of the received data to the master remote reading system in the form of radio messages using 169MHz wM-Bus radio technology. The reader can be used to read up to 20 iPERL water meters located at a distance of tens to hundreds of meters. The water meters send their statuses with a fixed period of 15 seconds, the meter receives this data in adjustable receiving "windows" and stores the received data in memory. With a set transmit period, the meter sends a summary message with all stored data over the wM-Bus network to the parent server. Alternatively, the reader can also operate in "on-line" mode, where it sends data to the parent server immediately after each receive window.