



www.waltero.com
sales@waltero.com

Medicon Village, Nyttänkargatan 4
223 63 Lund, Sweden

W-Sensor Model LTE

Digital Reader for Human Interfaces (Meters, Displays, Gauges, etc.)



General Description

Compatibility	Utility meters
Models	W-Sensor - LTE
User Systems	Mimir
User System Language	English
Dimensions	Depth: 77mm Width: 77mm Height: 23mm
Weight	54g (batteries not included) 104g (with batteries)

Technical Specifications

Power Source	Batteries: 3x CR123A – compliant with IEC 60086-4 USB: AC/DC USB power supply, delivering 5V+/-5% and current between 500mA and 1000mA – connector type C
Battery Life	Up to 5 years with recommended batteries and usage frequency
Connectivity	LTE MB-IoT LTE-Cat M WiFi (802.11 b/g/n)
Operating Conditions	Temperature: -25 - 70°C Humidity: <85% RH, non-condensing Maximum Operation Altitude: 2000m above sea level
Storage Conditions	-25 to 70°C dry storage
Clearance	Approx. 100mm above the meter 20mm on all sides of the reader
Status Radio	Activation by programmable duty cycle Range: Every second to once a week
Configuration	Factory Setup
Standard	3GPP Rel-13/Rel-14, LTE Cat M1, NB1/NB2 WiFi 802.11b, 802.11g, 802.11n HT20, 802.11n HT40
Antennas	Built-in LTE
Operating Frequency Range	LTE B1/B2/B3/B4/B5/B8-/B12/B13/B16/B17/B18-/B19/B20/B25/ B26/B27/- B28/B66 WiFi 2401MHz – 2483MHz
Radiated Power	LTE 23dBm max WiFi 20dBm max
Data Sent	Time Stamp, Meter Value, Battery Status
Encryption	AES
Alarms	Low Battery, Other alarms calculated in Mimir

Addition Information

Environment	Compliance with RoHS, REACH, WEEE regulations Pollutions degree 2
Warranty	12 months, according to Waltero General Terms
Documents	User Manual, Installation Guide, Data Sheet, WEEE-Passport Declaration of Conformity

This device is not suitable for children