

RUTO Telemetry Head



The RUTO telemetry head enables quick and easy reading by collectors of water and heat meters equipped with the Wireless M-Bus OMS radio module. The radio head listens to and receives radio frames from measuring devices. The head sends data to the mobile application via Bluetooth communication, which is then saved in the phone's memory. The measurement data collected on the mobile device is sent to the GlobTree system. Data can be collected both when walking - walk-by system, and when traveling - drive-by system, covering collector routes. Radio reading takes much less time, and the digital method of data exchange eliminates errors of manual data entry.



Technical specifications

Power supply	3.7V 1500mAh lithium polymer battery	
Working temperature	-20°C - 55°C	
Communication	wM-Bus 868,95 MHz / Bluetooth Low Energy	
Antenna	external	
Communication	wM-Bus 868,95 MHz; 2G/3G/4G/GSM/GPRS	

Wireless M-Bus - RECEIVER

Frequency	868,30MHz (868.00 MHz do 869.60 MHz)	
Receiver range	Free space - up to 800 m	Inside the building - up to 30 m
Communication mode	wM-Bus OMS modes T1 and C1	
Encryption	AES: Advanced Encryption Standard: 128-bit key length	

Bluetooth Low Energy - RECEIVER/TRANSMITTER

BLE version	5.2	
Range	<100m	