



# VisioUtil

**VisioUtil** is an application ready Sigfox enabled transceiver allowing to transmit data from utility meters (water, gas, electricity & heat meter compliant). **VisioUtil** provides connection to national and global network infrastructure for reliable and secure communications.

The configuration of the transceiver can be done via the product or network allowing the choice of periodicity, pulse weight, data encryption. **VisioUtil** further provides a downlink function to the device for switching functionality. Powered through a Li-SOCL2 battery, it allows standard autonomy up to 10 years.

## HIGHLIGHTS

- Meter data through Sigfox compliant radio networks
- Utility Meter Support (water, gas, electricity & heat meter compliant)
- Supports various meter reading interface standards
- Long range connectivity
- Low Cost, Low power design with up to 10+ year autonomy

## PERFORMANCES

RF power: 14dBm (25mW)  
RF sensitivity: up to -127dBm  
Interfaces: Pulse, Eco and Serial

## FIRMWARE

SIGFOX network protocol  
Data encryption: AES128 (optional)  
Transmission cycles: 2, 50, 100 or 140 update links per day

## COMPATIBILITY

Water, Gas, Electricity and Heat meters

## REFERENCES

**VisioUtil** Hardware Manual

## SOFTWARE & DATA MANAGEMENT

Data from the device, transmitted via the Sigfox cloud infrastructure to the back-end server platform for processing and reporting is provided as a standard. A custom platform with built-in device support can be provided or easily integrate the device into your own platform.

## GENERAL INFORMATION

Operating temperature: -20°C / +65°C  
Mounting Options: Screws, rivets, tie-wraps and 2-sided tape  
Dimensions: 110 x 58 x 30mm  
Weight: 100 grams  
Housing: Ip67  
Antenna: Integrated (Internal)  
Standards: EN 300-220, EN 301-489, EN 60950, ICASA; CE  
Support: The device is available for RC1 (Europe, Middle East and South Africa)

## PERIPHERAL OPTIONS

Bluetooth(BLE)  
GPS  
Accelerometer

## WARNINGS

Battery end of life • Over Temperature • Tamper Detect



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