

THE WIZE CATALOGUE

IoT devices connected with Wize📍

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Wiz'Up by **ALCIOM**

www.alciom.com

PRODUCT

- Open-hardware design, provided by ALCIOM to the community under Permissive CERN-OHL v2 licence
- Developed as part of a grant contrat funded by the Wize Alliance
- Compatible with the open-source Wize protocol stack available independently from GrDF
- Full schematics, bill of materials, Gerbers and validation reports available free of charge from ALCIOM web site
- Assembled & tested modules and evaluation kits available from ALCIOM, as well as hardware customization, support and antenna design services

TECHNICAL FEATURES

- $>+25\text{dBm}$ output power, better than -125dBm sensitivity in WM2400, 10%PER
- 3,6V to 4,2V power supply, directly compatible with LiSoCl2 primary batteries
- 2,5V logic level for best in class power consumption + sleep mode ($<1\mu\text{A}$)
- Flexible external interfaces : UART + I2C + 6 generic digital or analog I/Os
- Module size 38x28mm, SMT and PTH compatible, optional shield
- STM32L451CEU6 micro-processor (Cortex M4, 512KB flash, 160KB RAM, RTC)
- Additionnal 1Mb serial EEPROM for secure FOTA upgrades
- ADF7030-1 transceiver and SKY66100 front-end, on-module TCXO
- ESD protection and filtering of the antenne port
- EN300220 precompliance report provided by ALCIOM for information

WHERE TO BUY IT?

To buy this module contact them at: contact@alciom.com



AllWize K1 by AllWize

www.allwize.io

PRODUCT

The AllWize K1 is an Arduino® UNO form factor shield to convert any Arduino® board with this format into a device connectable with Wize.

TECHNICAL FEATURES

- Size: 6,8cm x 5,3cm x 2cm
- Wize radio transceiver embedded SMA antenna connector, with a selectable μ FL connector for pigtails
- Temperature sensor included + 3 Grove connectors
- 3.3V & 5V operating voltage; selectable voltage for the Grove sensors
- Low-cost gateway implementation available
- Compatible with Arduino® UNO, Arduino® Leonardo, Arduino® Zero/M0 Pro, WeMos D1, and other Arduino® boards based on these architectures

WHERE TO BUY IT?

You can buy the AllWize K1 here:
<https://www.allwize.io/wize-iot-dev-kits>



AllWize K2 by AllWize

www.allwize.io

PRODUCT

The AllWize K2 is an Arduino MKR form factor board to create Wize connected objects using the Arduino® IDE or PlatformIO, not needing anything else than a computer and a μ USB cable.

TECHNICAL FEATURES

- Size: 6,9cm x 2,5cm x 1cm
- Atmel SAMD21 microprocessor
- Wize radio transceiver embedded
- μ FL radiofrequency connector for pigtails
- Screwed input to connect a battery pack (2 x AA or 2 x AAA)
- Low-power consumption, down to 720 μ A in sleep mode
- μ USB connector, to power and program the AllWize K2, bootloader included
- Reset button and user LED

WHERE TO BUY IT?

You can buy the AllWize K2 here:
<https://www.allwize.io/wize-iot-dev-kits>



AllWize G1 by AllWize

www.allwize.io

PRODUCT

The AllWize G1 is a desktop Wize-to-WiFi gateway to be used in indoor environments to implement the gateway functionality. Using the Arduino programming interface you can configure the WiFi network parameters and connect with IoT Cloud solutions using the MQTT and RESTful APIs.

TECHNICAL FEATURES

- Wize radio transceiver embedded
- 802.11 b/g/n protocol embedded, Wi-Fi Direct (P2P), with integrated TCP/IP protocol stack; +19.5dBm output power in 802.11b mode
- SMA antenna connector for a -9 dBi VHF 169 MHz antenna
- Accessible buses and digital & analog ports, in case connecting UNO form-factor shields, sensors or actuators in needed in the gateway itself
- 5V power supply over μ USB, which can be used as programming interface as well
- 9 to 24V power supply over power jack

WHERE TO BUY IT?

You can buy the AllWize G1 here:

<https://www.allwize.io/wize-iot-dev-kits>



AllWize I1 by AllWize

www.allwize.io

PRODUCT

The AllWize I1 is a Wize-to-WiFi gateway to be used in industrial environments, mounted in DIN rail, to implement the gateway functionality. With the AllWize I1 you can send the data from your Wize devices to the cloud or send remote commands and configurations to your Wize devices, over your local WiFi network. Using the Arduino programming interface you can configure the WiFi network parameters and connect with IoT Cloud solutions using the MQTT and RESTful APIs.

TECHNICAL FEATURES

- Wize radio transceiver embedded
- 802.11 b/g/n protocol embedded, Wi-Fi Direct (P2P), with integrated TCP/IP protocol stack; +19.5dBm output power in 802.11b mode
- SMA antenna connector for a -1 dBi VHF 169 MHz antenna
- Accessible buses and digital & analog ports, in case connecting UNO form-factor shields, sensors or actuators in needed in the gateway itself
- 5V power supply over μ USB, which can be used as programming interface as well
- 9 to 24V power supply over power jack

WHERE TO BUY IT?

You can buy the AllWize I1 here:
<https://www.allwize.io/wize-iot-dev-kits>



PRODUCT

The ECHO system is designed and adapted to the specific needs of monitoring and management of Cathodic Protection.

The ECHO system is a complete digital chain of remote monitoring, supervision and control, implemented in the field of Cathodic Protection. (Protection against corrosion of buried or immersed metallic structures).

Communications and data exchange comply with security and confidentiality requirements.

The customer is the owner of his data which he has fully and without restriction.

TECHNICAL FEATURES

- Battery long life
- IP class: IP66
- Case size: 191 x 125 x 60mm (H, W, P)
- Antenna size: 80mm (H)
- Weight: 500g (depending on option)
- Entries / Exits: 4 analog inputs AC & DC + 2 logic inputs + 1 relay output
- Digital interfaces: CAN BUS
- Connectivity: WIZE - 2G / 4G
- Galvanic isolation between the channels, 4kV, 6kV over 1 second. Protection by Transil Diode on each channel, 15kV discharge by air and 10kV discharge by contact.

WHERE TO BUY IT?

Contact:

Ludovic.denys@jacquet-dechaume.fr



VHF CP V2 by

DIEHL
Metering

<https://www.diehl.com>

PRODUCT

VHF CP V2 is a radio module designed for long-range fixed network remote reading of Diehl Metering water meters.

VHF CP V2 can be easily clipped on all the meters of the Diehl Metering inductive modular range (Ha+Ti or Ti) with a grey or red ring. Its tamper-proof sensor operating on inductive principle enables the data collection of the water meter and the reading is ensured via a bidirectional link in long-range fixed network mode.

TECHNICAL FEATURES

- Compact radio emitter
- Compatible with Diehl Metering water meters
- Available in 169 MHz with WIZE protocol
- Suitable for fixed network reading
- IP 68
- Lifetime up to 15 years
- Different functions and alarms available
- Insensitive to magnetic fraud

WHERE TO BUY IT?

Get in touch with:
emmanuel.argouges@diehl.com



VHF V2 Wize RT by

DIEHL
Metering

<https://www.diehl.com>

PRODUCT

VHF V2 Wize RT is the Diehl Metering solution for meters installed in location where a clip-on radio is not adapted (very low radio signal, flooding conditions, ...) or for upgrading any compatible pulse emitting meter. VHF V2 Wize RT is connected to pulse emitter installed on water meter. Bi-directional Radio communication complies with Wize protocol and ensure sa long-range communication reinforced by the possibility to place the antenna in optimal conditions.

The device is field programmable with the serial number of the associated meter.

VHF V2 Wize RT offers multiple functions (historical index value, remaining battery lifetime, etc) and alarms (leaks detection, meter stopped, backflow, etc) if pulse emitter is able to generate this information.

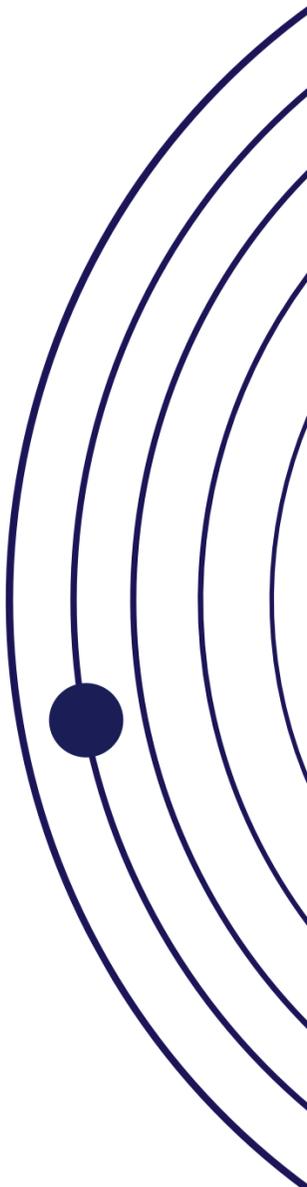
TECHNICAL FEATURES

- Remote radio emitter
- Compatible with most pulse emitting meters
- Suitable for fixed network reading
- IP 68
- Lifetime up to 15 years
- Different functions and alarms available
- Insensitive to magnetic fraud
- Power supply: 2 Lithium battery 3.6 V
- Radio Range: Up to 2 km depending on the environment
- Ambient operating temperature °C: -15 to +55
- Storage temperature °C: -20 to +65

WHERE TO BUY IT?

Get in touch with:

emmanuel.argouges@diehl.com



avolta by eLICHENS

www.elichens.com

PRODUCT

- Residential & industrial methane gas detector for indoor & outdoor applications
- avolta is eLichens' ready-to-use natural gas leak detector, using eLichens' patented NDIR CH4 narrow-band sensor.
- avolta is wireless and battery-operated, so it can be installed everywhere. Its 10+ years of autonomy on battery and its high gas selectivity provides avolta the lowest cost-of-ownership on the market.

TECHNICAL FEATURES

- Ultra-low power NDIR sensor, ATEX & IECEx certified
- Ultra-high CH4 selectivity: no false alarm. Validated the Gas Technology Institute (GTI)
- Wireless connectivity: LoRaWAN + BLE 4.2 (other protocols on request)
- Battery operated, >10 year lifetime
- Best sensitivity, detection as low as 5%LEL
- Driftless, no recalibration needed
- Fast response time
- Integrated visual and audible alarm (alert message customizable)
- Temperature and Humidity sensor
- UL1484 & EN50194 compliant
- High sensitivity: leak detection from 2% LEL

WHERE TO BUY IT?

To buy this module contact:
<https://www.elichens.com/avolta-gas-leak-detector>



Ambient temperature and humidity transmitter by

PRODUCT

Specifically designed for indoor applications in an ambient environment, the Enless Wireless humidity and temperature transmitter allows you to monitor occupant comfort levels, thanks to its integrated sensors of temperature and humidity (data °C – %rH) and save energy by monitoring HVAC systems – Heating Ventilation Air Conditioning – in situ. This transmitter is suitable for many applications and sectors such as housing, public access buildings and tertiary sector.

TECHNICAL FEATURES

- Suitable for indoor use
- Compact Design
- Easy to deploy
- Freestanding or wall mounted
- Replaceable battery
- Up to 15 years autonomy

WHERE TO BUY IT?

You can buy this device by sending an email to contact@enless.fr or via the contact form at <https://enless-wireless.com/en/contact-us>



COMING SOON

Ambient VOC, temperature and humidity transmitter by



www.enless-wireless.com

PRODUCT

Specifically designed for indoor applications in an ambient environment, the Enless Wireless VOC, humidity and temperature transmitter allows you to monitor occupant comfort levels, thanks to its integrated sensors of temperature, humidity and volatile organic compound particles (data ppb – °C – %rH). The VOC content is one of the main indicators of the pollution and the air quality breathed by users. This transmitter is suitable for many applications and sectors such as housing, public access buildings and tertiary sector.

TECHNICAL FEATURES

- Suitable for indoor use
- Meets government requirements for IAQ public places
- Compact Design
- Easy to deploy
- Freestanding or wall mounted
- Replaceable battery
- Up to 10 years autonomy

WHERE TO BUY IT?

You can buy this device by sending an email to contact@enless.fr or via the contact form at <https://enless-wireless.com/en/contact-us/>



COMING SOON

Ambient CO2, VOC, temperature and Humidity Transmitter by



www.enless-wireless.com

PRODUCT

Specifically designed for indoor applications in an ambient environment, the Enless Wireless CO2, VOC, humidity and temperature transmitter allows you to monitor occupant comfort levels, thanks to its integrated sensors of temperature, humidity, volatil organic compounds and carbon dioxide (data °C – %rH – ppb – ppm). The CO2 and the VOC contents are the main indicators of the air quality breathed by users. This transmitter is suitable for many applications and sectors such as housing, public access buildings and tertiary sector.

TECHNICAL FEATURES

- Suitable for indoor use
- Meets government requirements for IAQ public places
- Compact Design
- Easy to deploy
- Freestanding or wall mounted
- Replaceable battery
- Up to 10 years autonomy

WHERE TO BUY IT?

You can buy this device by getting in touch at:
<https://enless-wireless.com/en/contact-us/#supportForm>



COMING SOON

Temperature transmitter with embedded sensor by



www.enless-wireless.com

PRODUCT

Many sectors (building – smart building, industry, agriculture, etc.) integrate temperature monitoring activities into their processes.

This Enless Wireless “hardened” (IP65) transmitter with integrated temperature sensor is used for temperature monitoring (°C data) for different applications in outdoor environments and/or in areas subject to extreme conditions.

TECHNICAL FEATURES

- IP 65 resistant enclosure for outdoor environments
- Quick and easy to install
- Replaceable battery
- Compact Design
- Up to 15 years autonomy

WHERE TO BUY IT?

You can buy this device by getting in touch at:

<https://enless-wireless.com/en/contact-us/#supportForm>

COMING SOON



Temperature transmitter with 2 external contact probes PT 1000 by

PRODUCT

This Enless Wireless transmitter with two external temperature contact probes allows you to measure temperatures (°C data) in a remote manner, on contact with surfaces. Thanks to its two 2.0m probes, this temperature transmitter is especially suitable for applications such as monitoring of temperatures on inlet/outlet fluid circuits of all types and, in particular, continuous observation of sanitary hot water networks for preventing the health risk of legionella. It is also often used for temperature monitoring in cold rooms, or in agricultural environments.

TECHNICAL FEATURES

- IP 65 resistant enclosure for outdoor environments
- 2 PT1000 contact probes for remote measurements
- from -200°C to + 250°C
- Up to 15 years autonomy
- Quick and easy to install
- Replaceable battery
- Compact Design

WHERE TO BUY IT?

You can buy this device by getting in touch at:
<https://enless-wireless.com/en/contact-us/#supportForm>



COMING SOON

Contact transmitter - ON/OFF by



www.enless-wireless.com

PRODUCT

This contact/status change transmitter meets all types of ON/OFF status change monitoring needs thanks to its two TOR inputs (binary output signal). The main uses of contact transmitter monitoring are presence, break-in and access control & monitoring of machines and systems. Real-time alerts will allow you to implement quick actions in response to the received messages.

TECHNICAL FEATURES

- ON/OFF status report
- IP 65 resistant enclosure for outdoor environments
- Up to 15 years autonomy
- Replaceable battery
- Quick and easy to install
- Compact design

WHERE TO BUY IT?

You can buy this device by getting in touch at:
<https://enless-wireless.com/en/contact-us/#supportForm>



COMING SOON

Analog transmitter - 4/20mA interface by



www.enless-wireless.com

PRODUCT

This 4/20mA analogue radio transmitter is specifically designed for industrial applications. Self-powered, it connects to all types of analogue probes with 4/20mA interface and to reassemble the signal. This transmitter can meet all types of applications including pressure, flow, fluid levels (water, fuel oil, gas, etc.) / gauges (ultrasonic probes), etc.

TECHNICAL FEATURES

- 4/20mA input – terminal block – for all types of industrial applications
- Rugged IP 65 enclosure
- Up to 15 years autonomy
- Interchangeable battery
- Easy to deploy
- Compact design

WHERE TO BUY IT?

You can buy this device by getting in touch at:
<https://enless-wireless.com/en/contact-us/#supportForm>



COMING SOON

ON'connect switch by hydrelis

www.hydrelis.com

PRODUCT

Water circuit breaker for professionals.
With the switch, you gain security and flexibility in the water supply of your buildings and you can be sure to save money.

- better monitoring of consumption of your sites and buildings
- prevention of risk of leakage or of water damage (automated cut-off in case of leakage)
- real-time alerts in case of a proven leak
- management of occupancy seasonality (automatic cut-off: night, vacations, weekends...)

OPTIONS

- BMS/GTB connection: Wire modbus or wire on automation
- GPRS or remote reading management.
- Diameters available: from DN15 to DN100

WHERE TO BUY IT?

To buy Switch Flow, get in touch at this address:
magali.remy@hydrelis.com

COMING SOON

Q2 2022



Cyble LRF v2 Wize by **Itron**

www.itron.com

PRODUCT

The Cyble technology developed and patented by Itron eliminates the risk of metering errors and takes into account backflow.

The LRF V2 module is compatible with the entire range of hot and cold water meters equipped with the Cyble Itron pointer.

The Cyble LRF v2 Module is compact and can be mounted directly on the meter, without any wires or fixing accessories, making it very easy to install.

TECHNICAL FEATURES

- Modulation: FSK / GFSK
- Transmission: 1-channel / 2-channel - 1G and 2G mode compatible
- 15 years typical, under normal use and environmental conditions.
 - 24 indexes,
 - Data transmitted 213.3 Bytes/Day
 - 2400 baud rate
 - +16 dBm Radiated power
- Humidity resistant: 0 to 98%
- Functioning temperature: -20 to + 55°C
- Storage temperature: 0 to 35°C
- Conformity: RED N° 2014/53/UE

WHERE TO BUY IT?

You can buy this device here:
<https://www.itron.com/na/contact/sales-inquiry>



Gazpar by **Itron**

www.itron.com

PRODUCT

GAZPAR combines a Gallus-type residential diaphragm gas meter with an integrated 169 Mhz radio module. Gazpar, combined with its remote reading system, enables the automated and remote collection of gas indexes at daily, hourly or 1/4 hourly intervals.

TECHNICAL FEATURES

- Proven membrane metrology
- Operational life of 20 years (battery powered)
- Remote software update
- Local NFC communication
- Cyclic volume: 1.2 dm³
- Measuring range: G4 Qmin : 0.04 m³/h
Qmax: 6 m³/h
- Max Pressure: 0.5 bar
- Functioning temperature: -25 to + 55°C
- Storage temperature: -25 to +70°C
- Battery: Lithium/Manganese Dioxide
- 2040 g

WHERE TO BUY IT?

You can buy this device here:
<https://www.itron.com/na/contact/sales-inquiry>



RC1701HP-WIZE by

Radiocrafts
Embedded Wireless Solutions

[www.https://radiocrafts.com/](https://radiocrafts.com/)

PRODUCT

Wize compliant RF module that measures only 12.7 x 25.4 x 3.7 mm. The module contains a communication controller with embedded Wize protocol (v.1.1) as specified by the Wize Alliance based on Wireless M-Bus (EN 13757-4) operating at 169 MHz with 500 mW output power. The module is compliance tested for operation under the European radio regulations.

TECHNICAL FEATURES

- No external components except antenna
- Antenna tuning feature
- High power, long range (20 km Line-Of-Sight)
- Completely shielded module for SMD mounting
- 12.7 x 25.4 x 3.7 mm compact module for SMD mounting
- 2.8 – 3.6 V supply voltage, ultra-low power modes
- Conforms with EU RED directive
- Configurable LBT as defined in CIG UNI/TS 11291-11-4
- Pin compatible with the RC1701HP-MBUS4 module
- Output power table in 3 dB steps from -27 dBm to +27/30 dBm as defined in CIG UNI/TS

WHERE TO BUY IT?

Consult their list of distributors here:
<https://radiocrafts.com/distributors/>



RC1701HP-WIZE-DK Development Kit by

Radiocrafts
Embedded Wireless Solutions

[www.https://radiocrafts.com/](https://radiocrafts.com/)

PRODUCT

The RC1701HP-WIZE Development Kit is available for rapid prototyping and proof of concept design. It includes all hardware needed to run a small Wize network from a PC. This allows you to quickly and easily test the network capabilities with minimum development resources needed. This is ideal for a first range test in a customer environment for example.

TECHNICAL FEATURES

- 2 Development Boards with RC1701HP-WIZE module
- Onboard USB level shifter and connector, SMA antenna connector, I/O breakout
- Antenna, 50-ohm quarter-wave monopole, SMA male connector
- SMA to BNC adapters
- USB cables
- C/DC battery eliminator 6VDC

WHERE TO BUY IT?

Consult their list of distributors here:
<https://radiocrafts.com/distributors/>



RC1702HP Customization Module by

Radiocrafts
Embedded Wireless Solutions

[www.https://radiocrafts.com/](https://radiocrafts.com/)

PRODUCT

The RC1702HP is a compact surface-mounted module that measures only 12.7 x 25.4 x 3.7 mm. The module got several optional peripherals (EEPROM, 32 kHz crystal oscillator) and interfaces and is suitable as a versatile platform for custom variants for various applications using the 169 MHz frequency band.

The module contains an ultra-narrowband radio transceiver, temperature compensated crystal oscillator, power amplifier and a communication controller with embedded software. The radio is pre-certified for operation under the European regulations (CE, RoHS, REACH).

TECHNICAL FEATURES

- Autonomous system running the full application code (No MCU required)
- Long range, high reliability
- Ultra narrowband, high-performance radio
- High sensitivity and high selectivity
- High blocking properties
- High RF Power, long range (up to 20 km Line-Of-Sight)
- Completely shielded module
- GPIO, UART, SPI and I2C interfaces
- Support for external peripherals (IRDa, NFC, RTC, EEPROM, etc)
- 2.75 – 3.8 V supply voltage
- Ultra low power modes
- Conforms with EU RED directive (EN 300 220, EN 301 489, EN 60950), RoHS, REACH

WHERE TO BUY IT?

Contact Radiocrafts at sales@radiocrafts.com for more information on the RC1702HP customization module.



G4 diaphragm gas meter by Sagemcom

<https://www.sagemcom.com/en>

PRODUCT

G4 meter is a volumetric measuring instrument with diaphragms wall for natural gas, manufactured gas, LPG, and technical gases, designed for residential use.

Measurement precision and accuracy is guaranteed by the production and control process, and by an automated calibration system, which is used at the internal Metrological Laboratory upon 100% of the meters produced. The quality of the plastic and metal components makes the meters highly sensitive, even with a minimal gas flow, and ensures excellent performance over time.

TECHNICAL FEATURES

- Membrane in synthetic material
- Casing in galvanized sheet steel with polyester paint
- Meter with galvanized sheet steel, provides an excellent protection against corrosion, and resistance to high temperatures "T"
- High stability of measurement
- Low noise and pressure absorption
- Mechanical anti-Backflow
- Designed for connection with a low frequency pulse emission (LF) probe
- Integrated tamper and electromagnetic interference protection
- Available with 160mm spacing distance
- Mechanically Transmission of the measurement to the index
- RAL 9002 standard

WHERE TO BUY IT?

Get in touch here:

<https://www.sagemcom.com/en/contact>



G6 diaphragm gas meter by

Sagemcom

<https://www.sagemcom.com/en>

PRODUCT

G6 meter is a volumetric measuring instrument with diaphragms wall for natural gas, manufactured gas, LPG, and technical gases, designed for residential use. It is designed and built according to the highest standards.

Measurement precision and accuracy is guaranteed by the production and control process, and by an automated calibration system, which is used at the internal Metrological Laboratory upon 100% of the meters produced. The quality of the plastic and metal components makes the meters highly sensitive, even with a minimal gas flow, and ensures excellent performance over time.

TECHNICAL FEATURES

- Membrane in synthetic material
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- Integrated tamper and electromagnetic interference protection
- Available with 160mm spacing distance
- Mechanically Transmission of the measurement to the index
- RAL 9002 standard

WHERE TO BUY IT?

Get in touch here:

<https://www.sagemcom.com/en/contact>



EFR32FG13 Flex Gecko Proprietary Protocol SoC Family by



PRODUCT

The Flex Gecko proprietary protocol family of SoCs is part of the Wireless Gecko portfolio. Flex Gecko are ideal for enabling energy-friendly proprietary protocol networking for IoT devices.

The single-die solution provides industry-leading energy efficiency, ultra-fast wakeup times, a scalable power amplifier, an integrated and no-compromise MCU features. Flex Gecko applications include: Home and Building Automation and Security, Metering, Electronic Shelf Labels, Industrial Automation, Commercial and Retail Lighting and Sensing

TECHNICAL FEATURES

- 32-bit ARM Cortex-M4 core with 40 MHz maximum operating frequency
- 512 kB of flash and 64 kB of RAM
- Pin-compatible across EFR32FG families
- 12-channel Peripheral reflex system enabling autonomous interaction of MCU peripherals
- Autonomous hardware crypto accelerator and true random number generator
- Integrated PA with up to 13 dBm (2.4 GHz) or 20dBm (Sub-GHz) tx power
- Integrated balun for 2.4 GHz
- Robust peripheral set and up to 32 GPIO

WHERE TO BUY IT?

Contact Silicon Labs at mitchell.klein@silabs.com

Taïga Wize: the cathodic protection remote monitoring solution



PRODUCT

Stand-alone, efficient, and easy to use, TAIGA PC is an essential solution that can be easily integrated into all your sites.

Final product will be released end 2022.

The equipment will have two types of communication, 3 or 4G and radio modem 196MHz. This will allow to switch from expert method for drainage (statistics analysis) and classic drainage acquisition.

When TAIGA PC detects a state change or a threshold crossing, it triggers a communication within one minute.

TECHNICAL FEATURES

- 4 analog inputs: Measurement of Transformer rectifier potential or « U Rail / Ground » / Measurement of the Transformer rectifier or drainage current / Pipe / Ground potential measurement / Measure on metallic corrosion coupon
- Acquisitions / Transmissions: 1 acquisition/second, Statistical processing/second, Transmissions ensured by the SEVBUS protocol
- 4 digital inputs
- 1 output: MOS type
- Power Supply: 3-year battery life * with internal lithium battery and 220v / 7v 1A transformer

WHERE TO BUY IT?

Contact SIS Smart Solutions at asa@sis-solutions.com



COMING SOON

VHF Acoustic Data Logger Transceiver by



<https://www.suezsmartsolutions.com/>

PRODUCT

The 4 wires of the cable (3 signals and a mass) of the VHF Acoustic Data Logger Transceiver can interface sensors at the pulse input and communication bus of the leak prelocator.

The integrated software allows the management of 3 types of sensors:

- Pulse: Pulse transmitter mounted on water meter, for example with direction and fraud signals ;
- Sewerin: acoustic water leak prelocator ;
- Seba: acoustic water leak prelocator ;

The device has a local NFC interface allowing the update of the integrated software to allow evolution or reparameterization. Radio transmission is carried out through SUEZ Smart Solutions' long-range fixed network remote reading system.

TECHNICAL FEATURES

- 2 Lithium batteries
- Storage and transport temperature: -25°C to +65°C
- Operating temperature: -20°C to +55°C
- Dimensions: 160 x 50 mm
- Resistances: Water and dust (IP 68), UV, corrosion, freezing, magnetic fields, vibrations, shocks, overpressure, chemical attack
- Lifetime: Pulse : 15 years - Sewerin / Seba: 10 years

WHERE TO BUY IT?

You can buy this device by getting in touch here:
<https://www.suezsmartsolutions.com/en/contact>

