Product catalogue

White label products for the entire IoT industry
Smart home • Smart energy • Healthcare • Building management

Gateways • Sensors • Relays • Smart plugs • Meter interfaces
Sensors and alarms

Zigbee sensors and alarms with numerous functionalities

Air Quality Sensor
The battery-powered Air Quality Sensor continuously monitors indoor air quality. By detecting VOC levels in indoor air, the Air Quality Sensor enables monitoring of air quality in order to maintain healthy and clean indoor air. The sensor features long battery life, long range, and accurate reporting of VOC levels, temperature, and humidity.

Motion Sensor Mini
The compact Motion Sensor Mini allows users to detect occupancy, light, and temperature with only one device. The occupancy sensor is PIR-based and able to sense movement up to 9 meters away from the sensor. Motion Sensor Mini includes a tamper a switch and offers several mounting options.

Humidity Sensor
The Humidity Sensor monitors temperature and humidity levels in a room. By supervising the indoor climate, the Humidity Sensor helps maintain the ideal comfort level and protect the interior electronics, musical instruments, furniture, artwork, and any other humidity-sensitive household item.

Window Sensor
The Window Sensor detects and reports the opening and closing of the doors and windows. Easily installed on any door or window, the sensor triggers a signal when parted from the magnet. The sensor also features a built-in temperature functionality. The functionalities of the sensor make it ideal for automatic lighting and access control.

Smoke Alarm
The Smoke Alarm alerts residents with a loud sound in case of smoke formation. The Smoke Alarm can also activate the sirens of other smoke alarms in the building via wireless communication. Moreover, the Smoke Alarm reports the status and temperature via the given smart home system.

Heat Alarm
The Heat Alarm is specifically useful in environments where a traditional optical smoke sensor can cause false detections. This heat-based fire alarm is designed for installation in private homes or garages with risk of smoky, dusty, or humid environments. The thermo-sensitive detector detects both rapidly increased heat and absolute heat levels. It will alert users with a loud sound as a warning or via a smart home solution.

Water Leak Detector
The Water Leak Detector provides an early warning to help avoid or reduce potential damage from water leakages. The Water Leak Detector has a built-in 85 dB siren alerting the users when water is detected. The detector is designed for leakage detection in private homes, camping trailers, garages, and in humid environments such as kitchens and bathrooms.

Water Leak Detector Probe
The Water Leak Detector Probe is an accessory option for the Water Leak Detector. The probe is designed to detect water in areas with high risk of flooding, e.g., basements, or with poor accessibility, i.e., underneath domestic appliances. Through instant leakage detection, the probe will help prevent potential damage to properties and personal belongings.

Sensors and alarms

Zigbee sensors and alarms with numerous functionalities

Panic Button
The Panic Button is a programmable, Zigbee button, which can be used for multiple purposes. The possibilities include a safety button for emergencies, a door lock button, and a switch for turning on/off the lights or home appliances. The Panic Button can be worn in several ways or mounted on the wall.

Smart Siren
The Smart Siren is a combined siren, voice prompt, and range extender. If intruders enter the property of the users, the siren emits a loud sound, making it suitable for security purposes. Via the voice prompt, the siren can play voice messages, e.g., to warn users. The Smart Siren includes battery backup, enabling it to function despite power cuts, and a tamper switch.

Keypad
The Keypad provides users with secure access control. It allows them to enable and disable their alarm system using either an RFID tag or a pin code. It can also be used to lock and unlock doors remotely. A tamper switch makes the Keypad suitable for alarm systems. For longer battery life, a sensor ensures that battery is saved when the Keypad is not in use.

Smart plugs
Monitor power consumption and control electrical appliances

Type F (Schuko)
Used in: Germany, Greece, Hungary, Indonesia, Italy, Luxembourg, the Netherlands, Norway, Russia, Spain, and Sweden.

Type E (French)
Used in: Belgium, Czech Republic, France, Poland, and Slovakia.

Type G (British)
Used in: UK, Ireland, Hong Kong, Malaysia, Qatar, Saudi Arabia, Singapore, and United Arab Emirates.

Type K (Danish)
Used in: Denmark, India, Jordan, South Africa, and Morocco.

Type K (Danish)
Used in: Denmark, India, Jordan, South Africa, and Morocco.
Smart relays
Control groups of appliances remotely and monitor power consumption via Zigbee

Smart Cable
The Smart Cable converts conventional power cables into remotely controlled units, which allow the user to monitor power consumption. The Smart Cable enables the user to control plugged in electrical devices, with the option to switch them on or off.

Smart Relay 30A
With this Zigbee relay for heavy loads, the user is able to switch devices and equipment on/off remotely. It consists of a plug-unit with built-in relay communicating with a gateway that supports Zigbee. This smart relay also features a power meter functionality.

Smart Relay 16A DIN
The Smart Relay DIN 16 A enables the user to switch equipment on or off remotely via Zigbee. It grants wireless on/off control of clusters, groups of appliances, or individual elements. It also features a power meter functionality granting the user access to monitoring the power - giving an increased overview of what unit groups consume the most power and when.

IO Module
The IO Module brings wired devices online. Providing four inputs and two outputs, the IO Module works as a bridge of and when.

Meter Interfaces
Data reporting with wireless communication for meters

Prosumer Meter
The Prosumer Meter is a triple three phase meter that measures production and consumption of power on three levels; the solar cell module, the total household, and the connected grid. It provides a live feed of how much electricity is produced by the solar module and compares it to the total consumption of the household and the grid activity in general.

External Meter Interface
The External Meter Interface serves as a Zigbee interface for power, gas, water, and heat meters. The meter interface collects meter readings from the existing meter and sends the data to appliances in the building. The user can simply follow the energy consumption on a display, a computer, or a mobile phone.

External Meter Interface - Norwegian HAN
The External Meter Interface is compatible with Norwegian electricity meters with an enabled HAN interface. The meter interface collects meter readings and sends the data to appliances in the building. This way, the user is provided with real-time reporting of power consumption e.g. through a display, a computer, or a mobile phone.

Kamstrup Interface
The meter interface equips Kamstrup meters with wireless communication. The module is mounted under the standard meter cover and is compatible with single and polyphase meters. In addition to the standard Zigbee metering functionality, the device supports a complete KMP protocol via Zigbee tunnel cluster, providing extended meter functionality.

NES Meter Interface
The Zigbee and/or Wireless M-Bus module serves as a gateway between the wireless network and the NES electricity meter powerline communication. The MEP device is capable of collecting meter readings from up to 16 different meter units in one system, e.g. water, gas, and heat meters.

Gateways
All-in-one solution for connecting IoT devices across brands and wireless protocols

Squid.link gateways
The Squid.link gateways are modular platforms for connecting devices in IoT solutions and transferring data reliably and securely. The gateways are based on a programmable Linux platform and support a wide range of communication protocols. Since the gateways are white label products, they provide multiple options for customization.

Squid.link Gateway
The Squid.link Gateway is a configurable and flexible platform. It is multiprotocol and supports Zigbee, Z-Wave, WLAN, Wireless M-Bus, and BLE. The memory options of the gateway leave room for data storage and logging.

Squid.link 2B
Squid.link 2B allows you to run your solution with top performance. It includes two memory configurations. In addition to the protocols supported by Squid.link Gateway, it adds Zigbee 3.0 and Bluetooth 5. You can enhance security by adding a hardware encryption chip, an eSIM, and the Apple ID chip. The battery backup lasts 2-4 hours.

Squid.link 2X
Squid.link 2X is a more powerful and extended version of Squid.link 2B. It is suitable for large and complex solutions such as artificial intelligence-based applications. Squid.link 2X offers a variety of features on top of those of Squid.link 2B, including a 3-axis accelerometer for tamper protection, a RFID interfaces (passive or active), a MEMS microphone, a Real Time Clock, and a 12 hour battery backup in low-power mode.

Starter kits
The ultimate platform to get started with your IoT solution

IoT in a box
The starter kits provide you with state-of-the-art devices and numerous possibilities. Take the first step towards getting your own IoT solution with the starter kits and experience how easy it can be to develop the application for your solution. The market-ready devices help you accommodate a wide range of needs. The development tools and technical support allow you to focus on your core competencies. With a starter kit, you will get the following devices:

**Evaluation Kit**
- Window Sensor
- Motion Sensor Mini
- Smart Plug Mini
- Smoke Alarm
- Squid.link gateway
- Squid.link gateway

**Development Kit**
- Access relevant documentation in Support forum
- Support via Helpdesk (by signing a Support Agreement)
- Learn how to install the devices
- Access REST API documentation on the gateway
- Explore Squid Smart App
- Configuration for C, C++, Python, and Java applications
- Development tools and instruction videos
- Full access to online documentation and updates
- Key benefits
  - Everything you need for a quick start
  - Software license for development
  - Secure log-on using individual keys
  - Support via Helpdesk (by signing a Support Agreement)

**Starter kits**
- With the Evaluation Kit, you can test the devices, evaluate their functionality, and analyze the results. You also gain limited access to our Support forum. For access to the full development environment, you can upgrade your Evaluation Kit to a Development Kit.
- Key benefits
  - Test product performance
  - Evaluate the functionalities of the devices
  - Explore Squid Smart App
  - Access REST API documentation on the gateway
  - Learn how to install the devices
  - Access relevant documentation in Support forum

**Development Kit**
- The Development Kit provides you with:
  - Development tools and instruction videos
  - Full access to online documentation and updates
  - Configurations for C, C++, Python, and Java applications
  - Secure log-on using individual keys
  - Support via Helpdesk (by signing a Support Agreement)
In the Support forum, you can gain access to the Software Development Kit (SDK), providing you with a framework for building software running on the Squid.link gateway. The framework is based on Buildroot - a simple, efficient, and easy-to-use tool for generating embedded Linux systems through cross-compilation.

**Configuration options**

The software architecture of the Squid.link gateway offers numerous configuration options, providing you with the opportunity to get a tailored wireless solution. The possibilities include:

**IP communication**

Depending on your needs, you can choose between using MQTT, Web Services, or a custom IP communication protocol to deliver the data collected by the Squid.link gateway to the backend of your solution.

**WAN**

For the Wide Area Network (WAN), you can choose between several wireless technologies. These include Wi-Fi, cellular networks, and custom wireless technologies. Another option is to establish the WAN connection via an Ethernet cable.

**Cloud integration**

The Squid.link gateway allows integration of 3rd party cloud services. With these services, it is possible to develop applications without having to invest in the underlying and overlying infrastructure. Integration with cloud services ensures the fastest time to market of your solution and offers you the potential of efficiently scaling the solution from ten to millions of devices.

**Application**

Building your application on top of the open wireless platform enables you to focus on the quality of your software. With the gateway’s APIs, application development is greatly simplified. Another option is for you to use the demo application included in the gateway as the foundation of your application.

**API**

When developing the application for your solution, you can use a high-level or a low-level API. The high-level API, Squid Smart App, allows you to configure your application instead of programming it. If you want to program the application, the low-level, SmartAMM API, is the ideal choice.

**Operating system**

The Squid.link gateway consists of a Linux platform, including a long-term Linux kernel and a root file system. The root file system contains a number of standard Linux utilities. The Linux platform is used to make it as convenient as possible for you to include the functionality you want in your solution.

**HAN**

The multiprotocol Squid.link gateway allows you to integrate devices into your solution across wireless technologies. The Home Area Network (HAN) options offered by the gateway includes Zigbee, BLE, Wireless M-Bus, Z-Wave, and WiFi. Support for custom wireless technologies is also a possibility.

Benefit from the 70+ man-years we have spent on software development and focus on your core competencies when working with our wireless platform. The platform includes the Squid.link gateway and a number of wireless devices tested and validated in large volumes.

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Get a solution that fits the visual identity of your business seamlessly by adding your brand to the white label products included in the wireless platform. You have the opportunity to customize the design and packaging of the products in several ways. To ease the design process, we provide you with a set of templates and guidelines.

With access to the Support forum, you get instructions on how to get started with the development process. You can also download online documentation with answers to technical questions about the products and the software. Use the available development tools to ease the development process remarkably and download the latest updates for the products integrated into your solution.

With a Support Agreement, you can also get support from our helpdesk by writing us the technical issue you are experiencing. You will get a ticket to the helpdesk, we will record your entry, and you will be kept up to date during the resolution of your technical issue.

In the Support forum, you can gain access to the Software Development Kit (SDK), providing you with a framework for building software running on the Squid.link gateway. The framework is based on Buildroot - a simple, efficient, and easy-to-use tool for generating embedded Linux systems through cross-compilation.

The SmartAMM Developer Tool provides you with a rich set of utilities for interacting with the Squid.link gateway and connected devices across wireless technologies. Use the tool for generating, sending, receiving, and interpreting SmartAMM telegrams. The tool interacts with the Squid.link gateway through a SmartAMM Server, which you are provided with free of charge.
About Develco Products
Develco Products delivers a wireless infrastructure platform for solution providers within the smart home, building management and smart energy industries. We provide high-volume customized products for companies supplying end-users with Internet of Things solutions.

Tomorrow’s technology today
We are experts in wireless communication and have developed products based on a wide range of wireless technologies since 2007. We take pride in advancing the technology of Internet of Things and work with leading organizations and institutions in bringing you tomorrow’s wireless technology today.

CONTACT US
Develco Products
Tangen 6
DK - 8200 Aarhus N
Phone: (+45) 87 400 370
sales@develcoproducts.com
www.develcoproducts.com