

Cellular Gateway

Provides Complete & Safe IoT Connectivity



SGW6010 Cellular Gateway

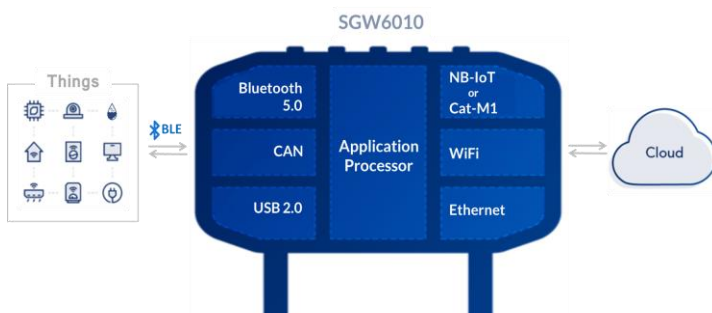
SGW6010 Cellular Gateway

Robust, Flexible, Ensure Safe Data Encryption

The SGW6010 Cellular IoT Gateway is a super powerful, i.MX6ULL based and TLS 1.2 compliant device designed to provide complete and safe IoT connectivity with excellent edge computing capabilities. The gateway platform has been developed to be modular, enabling high flexibility and mobility for the user to collect and monitor sensor information in wide area applications, such as smart city, industry and logistics tracking.

- Based on NXP i.MX6ULL ARM® Cortex™-A7 32Tbit Application Processor, @ 800MHz
- LTE Cat-M1/NB1 cellular connectivity
- 802.11b/g/n Wi-Fi
- Nordic nRF52840 Bluetooth® 5.0
- 10/100 Ethernet
- USB 2.0 Host connector
- Compliant with TLS 1.2 security protocol
- Status LED – SW definable
- System Reset – hard & soft reset capability
- 5V DC input
- -25°C to 65°C operating temperature range
- Mechanical Dimension: 106mm(L) x 184mm(W) x 39.5mm(H)

Applications



Wide range of IoT applications:

- Smart city
- Industrial, home and building automation
- Logistics tracking
- Smart appliances
- Low power sensor networks
- Home energy management

SGW6010 Get Started Kit

Versatile & Flexible Evaluation Kit

The SGW6010 Cellular IoT Gateway Evaluation kit is a platform solution to facilitate customers to evaluate and develop their own IoT applications. The kit comprises:

- A set of SGW Cellular Gateway hardware, including one SGW8130 sensor tag
- SDK (Software Development Kit) for application development
- Reference web application
- User manual and installation guide



Ordering Information

Part No	Description
SGW6010-B-NN	SGW6010 Cellular Gateway
SGW6010-S-NN	SGW6010 Cellular Gateway with FlexCAN bus option
SGW6010-B-NN-K1	Get Started Kit – SGW6010 Cellular Gateway

About Us

SG Wireless was launched in 2019 by Hong Kong-based Electronics Manufacturer (EMS) Season Group. SG Wireless is a full stack IoT provider aiming to assist customers in taking their IoT concepts to a finished product.

With our global manufacturing capabilities and the extensive wireless experience of our senior leadership team, we pride ourselves on being the only IoT provider offering design, development, manufacturing and everything in between. For more details: www.sgwireless.com

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