

Datasheet

INDUSTRIAL IOT GATEWAY

The interoperable and easy-to-use IoT gateway to connect everything



SPECIFICATION

- Memory: 512 MB RAM, 4GB flash
- Processor: ARM Cortex-A8 AM3358, 8GB flash
- HW version read out by CPU (resistors)
- Wireless modules (optional)
 - Module: Zigbee & Z-wave
 - Module: LoRa & EnOcean
 - Module: GSM modem
 - Module: WiFi

INTERFACES

- Serial interface: RS232, RS422, RS485 (BaCnet), RS 485 (ModBus)
- Industrial interface: 2x ethernet connections, 1000 Mbps (1 Gbps)
- 2x USB 2.0 type A connectors
- 1x USB-C port (service port)
- M-bus connections
- P1 (smart meter) connection
- TCP

The SWYCS Industrial IoT Gateway to connect all your edge systems, sensors and other intelligent devices to one another to enable smart buildings, smart homes and other smart applications. The multi-protocol gateway is fully open and can be easily adapted to the specific needs of any application, supporting all open standards.

As an interoperable gateway with an open operating system, internal data backup up to one month and a cloud API, it's the most advanced gateway to support connectivity and compatibility. It can be easily integrated with ERP-systems, IWMS-systems and other building and maintenance software applications.

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HARDWARE

- Dimensions: 170 x 90 x 53 mm
- Mounting type: DINRail housing
- Protecting rating: IP20
- Protocols: KNX, Modbus, BACnet MS/TP, BACnet BACnet/IP, Modbus, DSMR P1
- Status LEDs: Running mode, Network status, Online status
- Real-time clock (RTC)
- On/off push button
- 1 Reset button

The SWYCS IoT gateway has a custom Linux Custom Linux distribution Operating System, a local API, a cloud API, and is compatible with all open standards.

It's well known for its ease of installation with a pre-installed three-steps wizard for each protocol. SWYCS' gateway is the preferred choice for installation engineers who seek an interoperable, vendor-neutral and easy-to-use IoT solution for any smart application.

POWER

- Operating voltage: 24V DC
- Temperature: 0 °C to 50 °C
- Backup battery Li-Po, 1300 mAh
- Automatic reboot after power failure

MODULES (optional)

- Module: Zigbee & Z-wave
- Module: LoRa & EnOcean
- Module: GSM modem
- Module: WiFi

MODULAR EXPANDABLE

