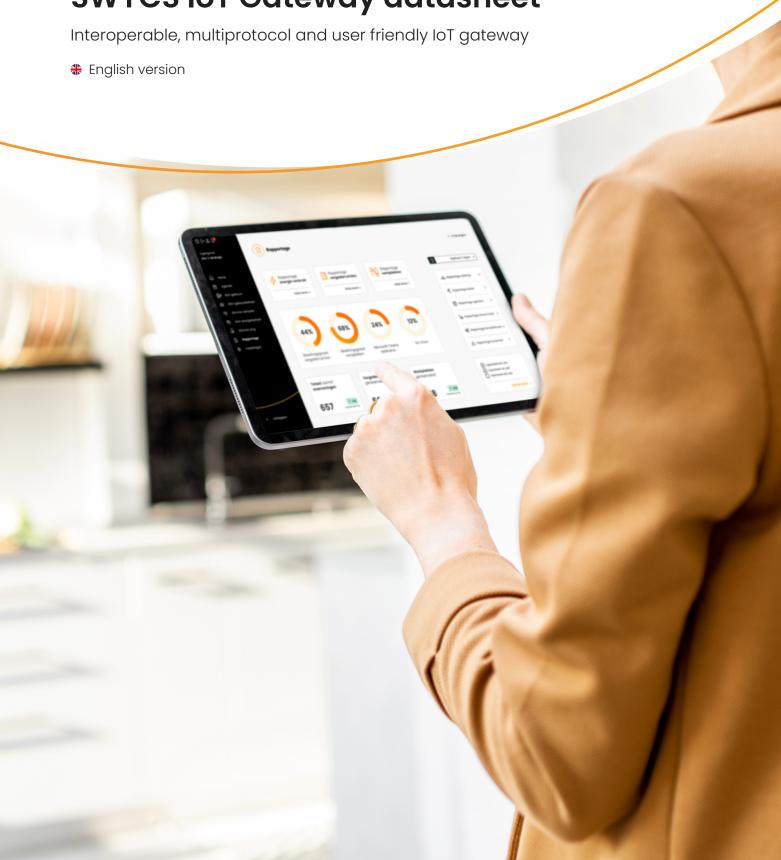


# **SWYCS IoT Gateway datasheet**



### **SWYCS IoT Gateway datasheet**

Interoperable, multiprotocol and user friendly IoT gateway

#### Description

The SWYCS Industrial IoT Gateway connects all your edge systems, sensors and other intelligent devices to one another to enable smart buildings, smart homes and other smart applications. The multiprotocol gateway is fully based on open standards and can easily be adapted to fulfill every specific need.

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 BMS, ERP and IWMS systems and other building and maintenance software applications.





#### **Applications**

- Building Automation
- Smart Buildings

#### **Product features**

- Easily integrated with BMS, ERP and IWMS systems and other building and maintenance software applications.
- Custom Linux distribution Operating System
- A local API and cloud API
- · Compatible with all open standards
- Ease of installation with a pre-installed three-steps wizard for each protocol.
- Interoperable, vendor-neutral and easy-to-use IoT solution for any smart application



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### **Specifications**

Specification	
Memory	512 RAM, 8GB flash
Processor	ARM Cortex-A8 AM3358

Interfaces	
Serial interface	RS232, RS422, RS485 (BACnet MS/TP), RS485 (Modbus RTU)
Industrial interface	2x Ethernet connection, 1 Gbps, 2x USB 2.0 type A connectors,
	1x USB-C port (service port), M-Bus connections. P1 (smart meter) connection

Hardware	
Dimensions	170 x 90 x 53mm
Mounting type	DIN rail housing
Protection rating	IP20
Protocols	KNX TP1, Modbus RTU, BACnet MS/TP, DSMR P1
Status LED's	Running mode, Network status, Online Status
Other	Real-time clock (RTC), On/off switch, reset button

Power	
Operating voltage	24V DC
Operating temperature	0 °C to 50 °C
Back up battery	Li-Po, 1300 mAh
Other	Automatic reboot after power failure



Sideview of the SWYCS IoT Gateway, showing off DIN rail system, Ethernet, USB 2.0 port, P1 and KNX connections.





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