



SWYCS IoT Gateway V2.1.2

Interoperable and multi-protocol business IoT gateway for office and production buildings



Front panel



Rear panel

Features

- ✓ Interoperable and multi-protocol wireless connectivity. EnOcean, WIFI Z-Wave, ZigBee, Bluetooth low energy
- ✓ Supports all common IoT protocols
- ✓ Applicable in small and tall buildings supported by the SWYCS IoT cloud platform
- ✓ Plug and Play solution
- ✓ Secure operation
- ✓ Emergency on board 100% guaranteed availability

Ordering information

Part Number
SWIG_V212_FA

Packing List

Parts
SWYCS IoT Gateway V2.1.2
5V DC adapter

Specifications

Model name	SWYCS IoT Gateway V2.1.2
Part number	SWIG_V212_FA
Processor	AM335x 1GHz ARM®
System Memory	512MB DDR3 SDRAM onboard
Storage	4GB eMMC Flash memory
LAN	10/100 RJ45
WiFi	AC600 DualBand, frequency 2.4 GHz and 5GHz
EnOcean	TCM 310 RF module 868 MHz
ZigBee	NXP JN5168 ZigBee controller, frequency 2.4 GHz, Antenna diversity
Z-Wave	Sigma Designs ZM5101 Z-Wave module, frequency 868 MHz
Bluetooth	NXP QN902x is an ultra low power, version 4, frequency 2.4 GHz
GSM	Optional
Front Panel I/O	Power, LAN, PAN, WLAN indicator LED
Back Panel I/O	1 10/100Mbps Ethernet port 1 reset button 1 DC-in jack 868 MHz antenna 2 pieces 2.4 GHz antenna 3 pieces
Power Supply	5V DC - in
Energy consumption	1.8 watt in running mode
Battery	Lithium ion polymer rechargeable battery 1300 mAh, emergency power with a runtime of at least 60 minutes
Operating System	Linux kernel 4.4.61
Mechanical Construction	Plastic chassis
Mounting	Built-in wall mountable holes
Operating Temperature	0 °C ~ 50 °C
Operating Humidity	0% ~ 90% @ 40 °C (non-condensing)
Storage Temperature	-20 °C ~ 70 °C
Dimensions	225mm(W) x 30mm(H) x 140mm(D) (8.86" x 1.18" x 5.51")
Weight	0.4 KG
Certification	CE
SWYCS IoT gateway approachability	SWYCS config tool SWYCS API SWYCS IoT cloud solution and web-portal
Application	The SWYCS multiprotocol and interoperable business Gateway V2.1.2 is easily applied. The gateway ensures an entire coverage of a IoT infrastructure for buildings. The gateway is applicable for a wide variety of building automation, process optimisation and security applications.

Description

10/100 RJ45, AC600 DualBand, frequency 2.4 GHz and 5GHz, TCM 310 RF module 868 MHz, NXP JN5168 ZigBee controller, frequency 2.4 GHz, Antenna diversity, Sigma Designs ZM5101 Z-Wave module, frequency 868 MHz, NXP QN902x is an ultra low power, version 4, frequency 2.4 GHz, lithium ion polymer rechargeable battery 1300 mAh