

EZG1300

MQTT Gateway



Introduction

The EZG1300 is a gateway that supports generic MQTT service. Customers can use SUNIX Ethernet I/O modules (EZR & EZI series) to connect various types of devices, and to convert Modbus, digital I/O, and analog I/O data into common public cloud through the MQTT Protocol. For Modbus equipment, besides a built-in Modbus Protocol Agent, EZG1300 supports Diagnostic function, which can quickly and easily ensure that the cloud data is correct. Without programming, through simple setting can collect data and directly convert it into MQTT Protocol, so that users can greatly improve the convenience of system development.



Features

- Built-in SUNIX EAZInet technology to facilitate the connection of EZR & EZI Ethernet I/O modules
- Support Modbus TCP devices connection
- Support generic MQTT service for direct connections with common public cloud
- Built-in Modbus Protocol Agent, convenient for customers to retrieve various sensor data
- Built-in dual 10/100 Ethernet ports for Ethernet cascading capability
- Support daisy chain topology, expand more fast and flexible
- Support EZR, EZI I/O interface automatic enumeration mechanism, making configuration easier
- Support Wall Mounting & DIN-rail Mounting Installation
- Support Diagnostic function, which can quickly ensure the correctness of cloud data by confirming the connection status and setting content of the underlying devices.

Specifications

LAN

Ethernet: 2-port 10/100 Mbps RJ45 ports

Protection: 1.5 KV magnetic isolation

Protocols: SUNIX EAZInet

Physical Characteristics

Dimensions: 72.1 x 108 x 33.9 mm

(2.83 x 4.25 x 1.33 in)

Weight: 118 g

Mounting: DIN rail or wall

Power Requirements

Input Voltage: 12 to 24 VDC

Power Consumption: 1.6W @ 24 VDC

Connector: 2 PIN Terminal Block

Environmental Limits

Operating Temperature:

0 to 60°C (32 to 140°F)

Storage Temperature:

-10 to 70°C (-14 to 158°F)

Operation Humidity:

5 to 95% (non-condensing)

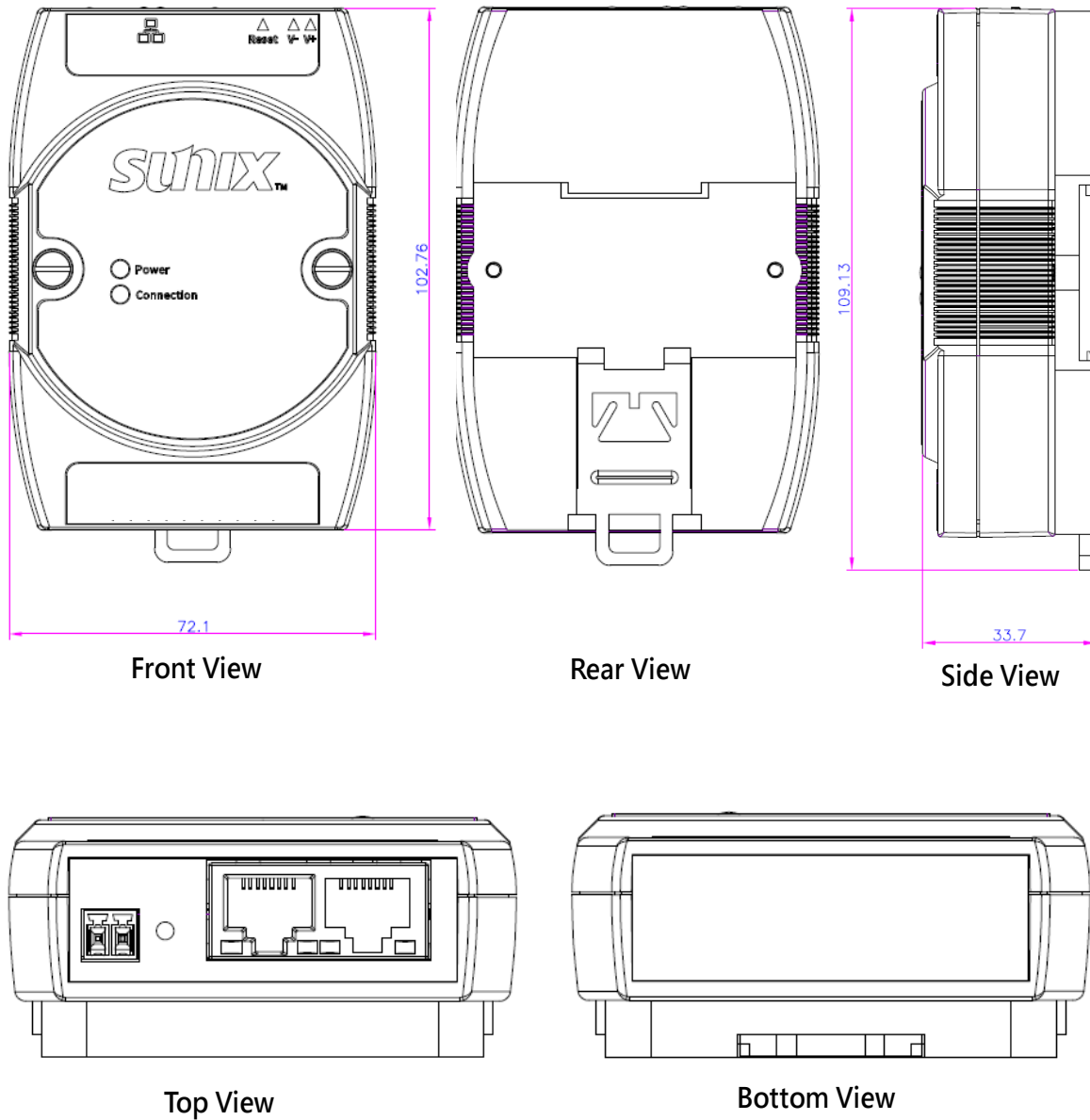
Standards and Certifications

- EMC: EN 55032, EN 55035
- EMI: FCC Part 15B Class B
- EMS: IEC 61000-4-2
- ESD: Contact: 4 kV; Air: 8 kV



Dimensions

72.1 x 109.13 x 33.9 mm (2.83 x 4.29 x 1.33 in)



Packing Contents

- EZG1300 MQTT Gateway
- Quick installation guide