

# G-M1C051-T

## Industrial Modbus Ethernet / Wi-Fi to Serial Cloud Gateway

(Voltage / Current / Thermocouple / RTD)



### Main Features

- ① Modbus protocol both master and slave modes
- ① IEEE802.11 b/g/n Wireless Standards
- ① IEEE802.3 10/100 Based Standards
- ① TCP / IP / UDP Network Protocols

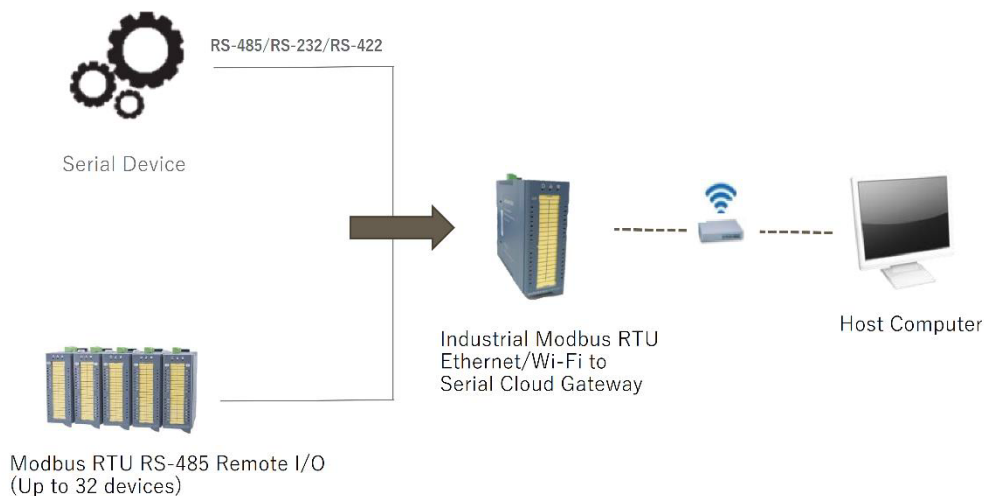


### Introduction

IIoT G-M1C051-T Gateway is used to transmit data between Modbus RTU and Modbus TCP devices. We offer one Wi-Fi to one RS-485 port which is reserved for RS-485 I/O modules and one RS-232 / 422 / 485 selectable port which can be used for third party serial devices. Specially for our Series users, if you connect a module to our JK-MEW-051 Gateway, and voilà, an Ethernet/Wi-Fi I/O will be ready for you.

### How does G-M1C051-T work?

In general working environment, we could often find out that industries need a device to help to transfer data to control center. Therefore, the G-M1C051-T could become the best option for industries.



## Specification

Model Name	G-M1C051-T
<b>General</b>	
<b>Power Input</b>	10 ~60 VDC
<b>Power Consumption</b>	200mA @ 24V
<b>Supply Connection</b>	COMBICON MC 1,5/5 3-pin, green
<b>Operating Temperature</b>	-20~60 °C
<b>LED Indicators</b>	System, Config, WLAN
<b>Clock Synchronization</b>	Manual/ Cyclic over SNTP Protocol
<b>Web Application</b>	On board 32MB to store user application, and optional extends up to 16GB by request
<b>Cloud Communicator</b>	Support MTK MCS (Optional) Other CS Vendors
<b>LAN Connection</b>	1 x RJ45
<b>Transmission Speed</b>	10/100 Base-TX Ethernet
<b>Wi-Fi Connection</b>	IEEE 802.11/b/g/n, Internal built-in ceramic antenna and optional external antenna via I-PEX connector
<b>Wi-Fi Mode</b>	STA/AP Configurable TX Power Support External Antenna
<b>Modbus Connector</b>	2 serial ports both support baud rate up to 115200bps, 1 DIN-rail port to connect Wolf Series seamlessly.
<b>Modbus Interface</b>	1 isolated DB9 type port to support RS232/422/485 by user configurable
<b>Modbus RTU Modes</b>	Master/Slave Mode manage up to 8 devices
<b>Modbus TCP Modes</b>	Master/Slave Mode
<b>Modbus Function Codes</b>	Full support Modbus /TCP / RTU protocol and results depends on equipped devices
<b>Modbus Baud Rate</b>	1,2k~115,2k Baud Rate
<b>IPv6</b>	IPv6 and IPv4
<b>SNTP Client</b>	Time Synchronization
<b>FTP Server</b>	Data Upload/Download
<b>http Server</b>	Support http and https
<b>SSH</b>	Secure Session
<b>DHCP</b>	DHCP Client to Obtain IP Address
<b>PPTP</b>	Tunnel

<b>L2TP</b>	Tunnel
<b>SNMP</b>	Simple Network Management Protocol
<b>Supported Browsers</b>	Internet Explorer 8/9/10 and above, Mozilla Firefox 24; Safari 5.1.7, Chrome 31, Opera 16.0, with at least 3 simultaneous connections
<b>Mounting</b>	DIN EN 60715
<b>Safety</b>	FCC/CE/RoHS

## Dimension

L x W x H = 120.1 x 47.2 x 121.1 mm

Weight (Approx.) = 180 g

