![Wi-Tek AIoT Industrial logo]

Industrial M2M LTE Gateway

WI-IOT110

Overview

Wi-Tek's Industrial M2M LTE Gateway is designet to provide M2M/IoT applications solution for the most areas. Product is designed for flexible installation, supports DIN-Rail mounting. Meanwhile Wi-Tek provide Industrial M2M LTE Gateway with DI/DO/RS485/Modbus data and robust management functions, which can fulfill the special needs of M2M/IoT applications. All these features help the administrator to one-time deployment with no additional equipment input.

Features

4G LTE

The ideal 4G LTE Router with up to 150Mbps download speed and 50Mbps upload speed and is backward compatible with 4G/3G networks.

Plug and Play

4G Internet access, no configuration is needed simply plug and play.

Din-rail Mounting

Flexible installation mode, can be correctly installed in complex environment, meet the requirements of project

Cloud Management

The free cloud management platform simplifies a lot of equipment management time and reduces network supervision costs for network administrators.

Robust L2 management functions

Robust L2 management functions meet complex project requirements and can be deployed at one time without additional device investment.

Modbus TCP/IP protocol

These products have a channel RS485, Modbus TCP can be used for transmission to provides flexible network connectivity for factory automation.

Support I/O ports

Supports dry contact Input and 3.3V output

OpenVPN

Support OpenVPN, which enables employees to connect remotely to their main office as securely as in the office.

WAN Connection Backup

Works as a router to provide a backup internet connection.

PoE Out

Multiple PoE Out Port designs can directly use a network cable to connect the camera and transmit data and power to the camera at the same time. It greatly facilitates monitoring networking solutions and application scenarios.

We Innovate, Take you Explore unKnown!

Specifications

| Products	WI-IOT110
Hardware Features	
Mobile	4G (LTE) – Cat 4 DL up to 150 Mbps, UL up to 50Mbps; DC-HSPA+; UMTS; TD-SCDMA; EDGE; GPRS
CPU	MIPS 24Kc, 580 MHz , 300Mbps WiFi
Memory	16 MBytes Flash, 128MBytes DDR2 RAM
Ethernet	3 * 10/100 Ethernet ports: 1 * WAN (configurable as LAN, 60W PoE In), 2 * LAN (48V 12+ 36- PoE Out)
WAN PoE In	Compatible with af(15W), at(30W), bt(60W)
Power supply	48 -60VDC, 2 pin DC connector
PoE Budget	If PD power input, PoE output ≦50W
	If power adaptor DC input, PoE output: 60W max
GPIO	1*DI(0~3V), 1*DO(3.3V)
Connectors	1 * DC, 3 * Ethernet, 2 * Mobile SMA, 2 * WiFi RP-SMA, 1 * DB9 FeMale((RS232), 1 * Terminal (RS485/RS422)
Terminal	GND A B 9-35VDC
SIM	1 * external SIM holder
Status	5 * connection strength, 1 * Rs232, 1 * WAN , 2 * LAN, 1xRS485/422, 1 * Power
LTE/3G/2G Bands	EC25-AFX: LTE FDD: B2/B4/B5/B12/B13/B14/B66/B71 WCDMA:B2/B4/B5 EC200A-EU : LTE FDD: B1/B3/B5/B7/B8/B20/B28 LTE TDD: B40 WCDMA:B1/B2/B4/B5/B8 GSM: B2/B3/B5/B8 EC200A-CN : LTE FDD: B1/B3/B5/B8 LTE TDD: B34/B38/B39/B40/B41 WCDMA:B1/B5/B8 GSM: B3/B8
Operating temperature	-30℃ ~ +65℃
Antenna	WiFI 2*SMA 4G 2*SMA
Installation	DIN-rail mounted
Hardware watchdog	Support
Dimensions (W*D*H)	45*95*145 mm
New weight	0.5 kg
Software Features	
Cellular	3GPP,3G/4G
WAN	DHCP client, Static address, PPPoE
Network protocols	TCP, UDP, IPv4, ICMP, NTP, DHCP, DNS, HTTP, HTTPS, ARP, PPPoE, UPNP, SSH, Telnet, SNMP, TFTP, MQTT
Networking features	NAT, Static/Dynamic routing, Firewall, OpenVPN
Monitoring & Management	WEB UI, SSH, SMS, HTTPS, SNMP
Diagnostic	Ping, Traceroute，Nslookup
Modbus	Modbus TCP, Modbus RTU Master
3RD Party Platforms	Amazon and Microsoft

Structure diagram

1*4 PIN Terminal

3*2 PIN Terminal

12 mm
17mm
9.3mm

16.3mm
7.8mm
8.1mm
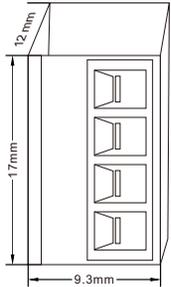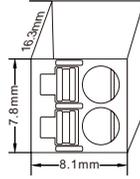
1*Industrial M2M LTE Gateway

41mm
95.4mm
41mm
145mm
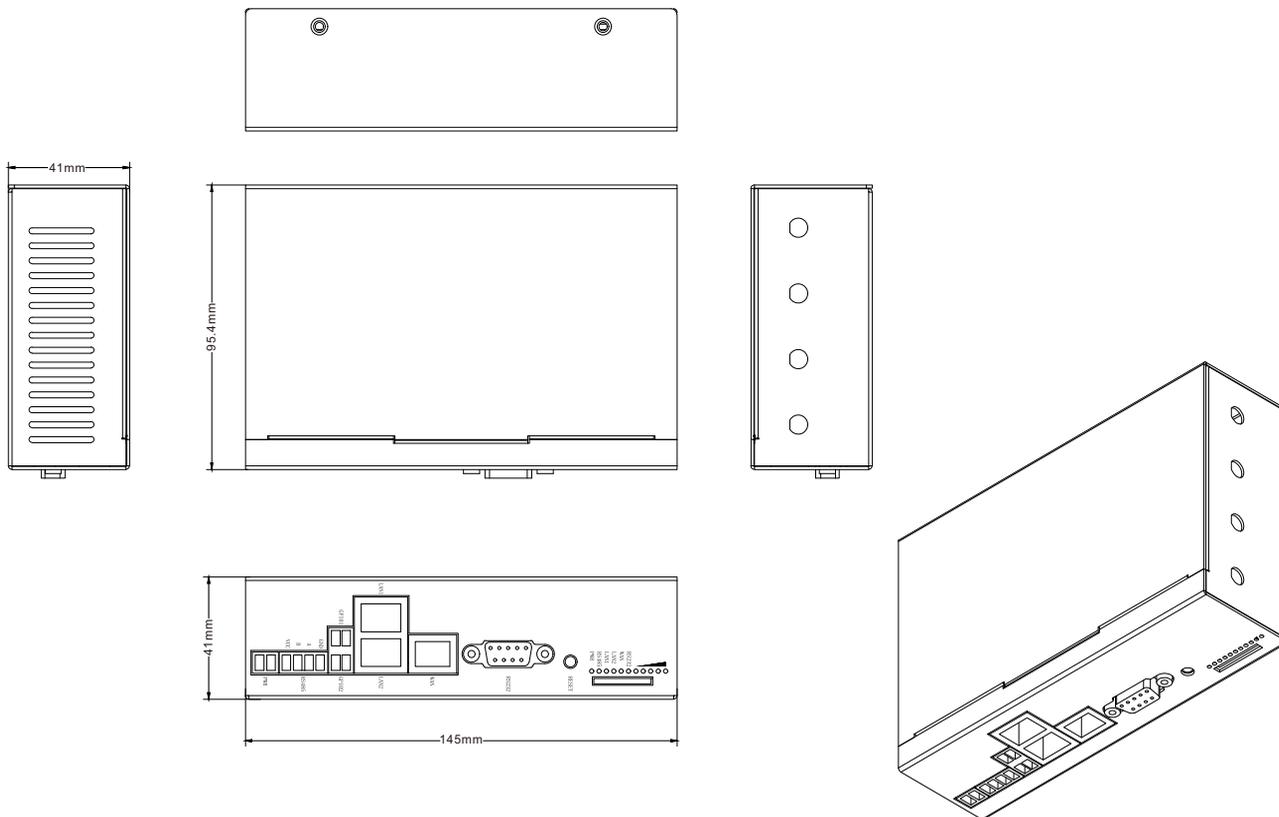
Package Content

Welcome to order our products. After purchasing, you will receive:

Items	Quantity
Industrial M2M LTE Gateway	1 pc
DIN-rail installation kits	1 pc
Power Adapter	1 pc
4 PIN Terminal	1 pc
2 PIN Terminal	3 pcs
4G Antenna	2 pcs
WiFi Antenna	2 pcs

CE FC RoHS

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