

## Guardian Device GIICM680L-C

The Guardian device GIICM680L-C enables the secure connection of existing equipment to the Microsoft Azure Sphere IoT cloud via Ethernet, dual-band Wi-Fi or Cellular. It can connect your device via different interfaces: BLE, LoRa, USB. Our Mobile phone App can help you configure the module's Wi-Fi, Cellular parameters and switch between Ethernet, Wi-Fi or Cellular conveniently through BLE connection.

## Specifications

- AI-Link WF-M620-RSD2 module
- Northbound link:
  - Cellular(4G/LTE) data communication
  - Dual-band Wi-Fi, 2.4GHz and 5GHz



- Ethernet port: RJ45 female, 10Mbps
- Southbound link:
  - Bluetooth 5.0 connectivity
  - LoRa data communication
  - USB port (Power + Data)
- GNSS location report
- MCU programming and debugging port
- A/C adapter DC 5V/2A
- 3 LED indicators: 2 programmable Red/Green LEDs, 1 BLE activity LED
- Operating temperature: -10 °C to +60 °C
- Operating humidity: 5% to 90% non-condensing
- Dimensions: 95mm\*95mm\*25mm
- Enclosure: Mountable, Black color

## Ports and Interface



### Ports:

USB Type-B: For USB-to-Serial data and power supply;

Debug Port: For MCU programming and debugging;

3 LED indicators: 2 programmable R/G LEDs; 1 BLE activity LED indicator.

RJ45: For Ethernet.

Power Port: AC Adapter Power supply.

## Appearance

Size: 95mm x 95mm x 25mm



Side View



Top View



Bottom View

## Guardian Device Series Products

Product Model	Northbound	Southbound
GIICM680L	Ethernet/Wi-Fi	BLE, USB, LoRa
GIICM680L-C	Cellular/ Ethernet/Wi-Fi	BLE, USB, LoRa
GIICM680E	Ethernet/Wi-Fi	BLE, Ethernet, USB
GIICM680E-C	Cellular/ Ethernet/Wi-Fi	BLE, Ethernet, USB
GIICM680R	Ethernet/Wi-Fi	BLE, RS422/485, CAN
GIICM680R-C	Cellular/ Ethernet/Wi-Fi	BLE, RS422/485, CAN