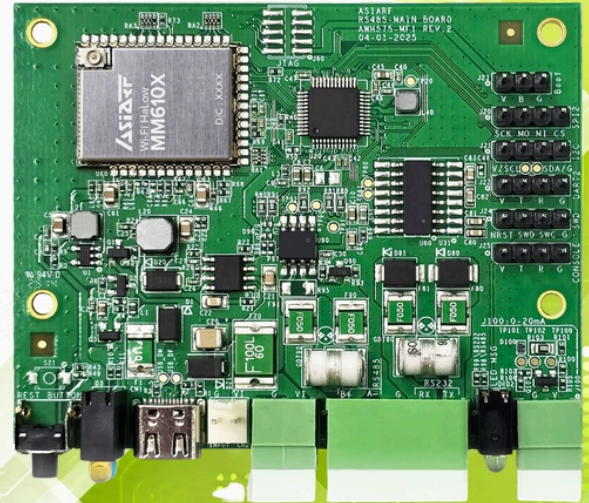


Serial to Wi-Fi HaLow IoT Kit

AWH575-MF1



Overview

Incorporating Wi-Fi HaLow, this wireless gateway converter provides Wi-Fi HaLow wireless communication capabilities to equipment supporting RS232/RS485 signals. It supports RS232/RS485 with a maximum communication speed of 115200 bps in wired sections and Wi-Fi HaLow with a maximum speed of 10 Mbps in wireless sections, overcoming the limitations of short-range communication technologies such as conventional Wi-Fi and BLE.

Users can leverage Wi-Fi HaLow to build long-distance wireless networks based on serial communications, enabling the development and deployment of various M2M networks, such as smart grids and sensor networks.

Features

- **Wi-Fi HaLow Integration :**

Incorporates Wi-Fi HaLow technology to enable wireless communication for devices.

- **Support for RS232/ RS485 Signals :**

Provides connectivity for equipment supporting RS232/ RS485 signal protocols.

- **High Communication Speeds :**

-Wired RS232/ RS485 sections support speeds up to 115200 bps.

-Wireless Wi-Fi HaLow sections support speeds up to 10Mbps.

- **Overcomes Range Limitations :**

Surpasses the range limitations of traditional short-range communication technologies like Wi-Fi and Bluetooth Low Energy (BLE).

- **Long-Distance Wireless Network Capability :**

Allows the construction of long-distance wireless networks suitable for M2M communications.

- **Enables Various M2M Networks :**

Facilitates the formation and utilization of M2M networks, such as smart grids and sensor networks, through long-range, serial-based wireless communication.