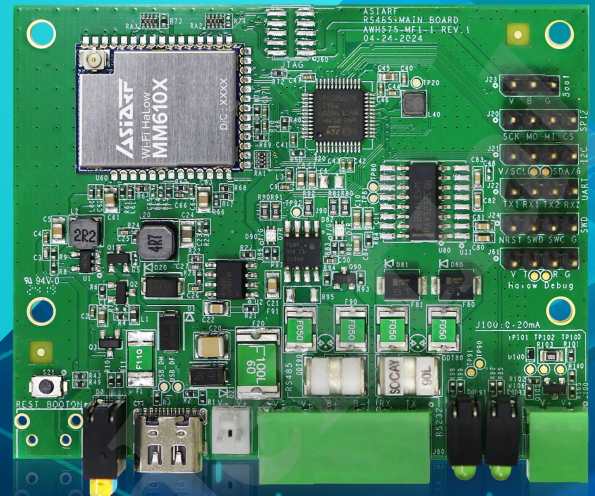Care / Connect / Customize
Extend Your Reach.

Serial to Wi-Fi HaLow IoT Kit
AWH575-MF1

Overview

AsiaRF, which incorporates Wi-Fi HaLow, serves as a wireless gateway converter providing Wi-Fi HaLow wireless communication capabilities to equipment supporting RS232/ RS485 signals. It supports RS232/ RS485 with a maximum communication speed of 921.6bps in wired sections and incorporates Wi-Fi HaLow with a maximum of 10Mbps in wireless sections, overcoming the limitations of short-range communication technologies such as existing Wi-Fi and BLE.

Users can use Wi-Fi HaLow to construct long-distance wireless networks based on serial communications, enabling the formation and use 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 921.6bps.
  - 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.

For more detailed information, please contact our sales team: sales@asiarf.com / +886 2 2940 7880