



This is an evaluation kit designed for initial reviews, such as evaluating the communication performance of IEEE802.11ah(Wi-Fi HaLow™) and simple system configuration.

■ Features

1. Supported both Access point and End point

This kit can be used as either an access point and end point by changing the software settings.

2. The evaluation functions are pre-installed

Two types of evaluations can be conducted as follows.

- Communication band measurement function (use the iperf command.)
- Transfer of video and still images by USB and IP camera.

3. FCC/ISED Certified

The module has FCC/ISED certification, which means the final product only requires minimal effort to achieve compliance. Please contact us for the US regional models (FCC).

■ Kit Appearance



■ Specification

| | | | |
|-----------------------------|---|----------------------|---|
| Wireless | IEEE802.11ah | Dimension | W:92mm x D:69mm x H:40mm |
| Embedded module /board | MegaChips MRF61_FI_FL Raspberry Pi, Add-on Board | Certification | FCC, ISED |
| Host Interface | SDIO | Antenna model number | Pulse Electronics W1063M |
| Operation temperature range | 0°C~50°C | Power Supply | 5.0V supply by USB Type-C |
| Included items | Evaluation kit, Antenna, AC adapter | Power consumption | DC5.0V 2A (with Full HD 30fps USB camera connection) |

■ Block Diagram

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