

FCL Components Wireless USB Dongle FWM8BLZ09S-109216

Overview

Wirepas Mesh V5.4 firmware embedded Sink USB dongle for gateway applications.

Features

- **Easily add Wirepas Mesh v5.4 firmware Sink functions to existing gateway or equipment for a Wirepas gateway functionality:**
FWM8BLZ09S-109216*: Gateway developers can build Wirepas Mesh v5.4 firmware support Gateway easily by inserting this product to existing gateways and incorporating Wirepas Mesh v5.4 firmware support Gateway software
- **Power supply via USB type A**
- **Small size:** 17.5 x 14.2 x 6.6 mm.
Minimum projection from gateway or equipment with USB port
- **LED indicator:** LED lights turn on when power is turned on, which allows to check state of operation visually
- **Operation settings can be changed:**
Operational parameters such as NODE_ROLE (HEAD_NODE/SUB_NODE) setting, Bluetooth Low Energy advertise setting, can be changed easily.

Note:* Not intended for use as a USB storage device or for any function other than Wirepas Sink connectivity.

Applications

Wirepas Mesh v5.4 firmware support network repeater, indoor asset tracking, sensor network, etc.

RoHS compliant

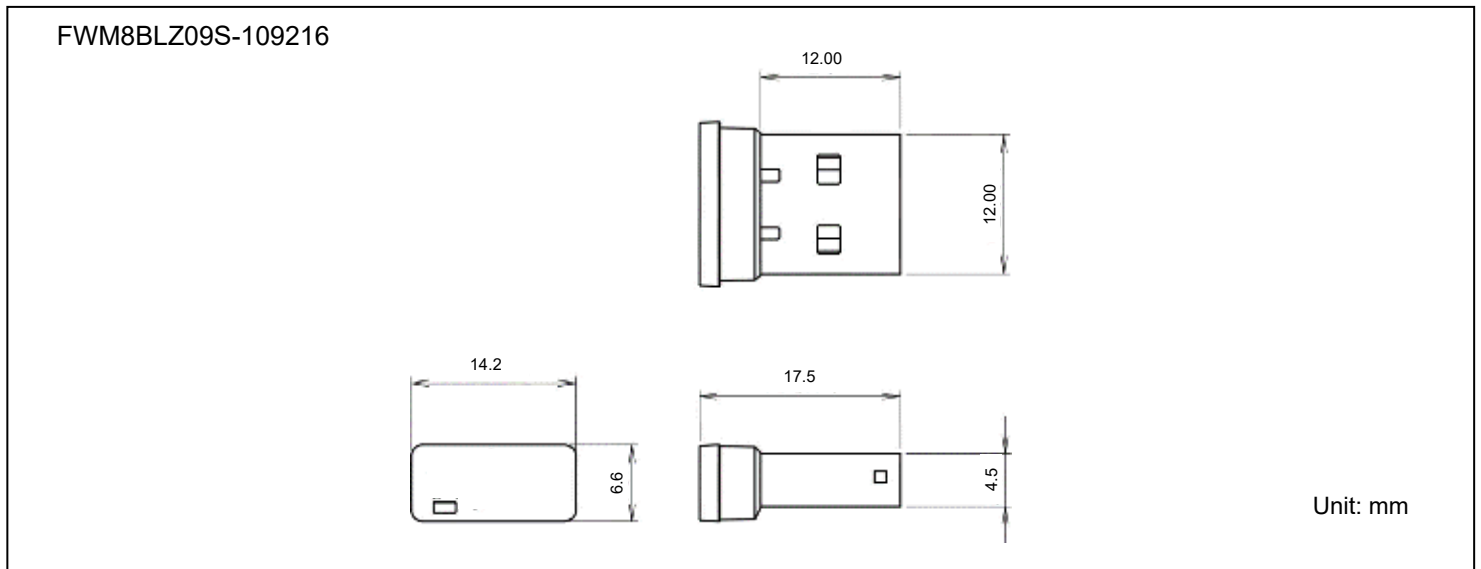


FWM8BLZ09S

■ Specifications

| Item | Specifications |
|---------------------------------|--|
| Type | USB Dongle (Sink) |
| Part number | FWM8BLZ09S-109216 |
| Mesh technology | Wirepas Mesh v5.4 firmware support |
| Transmit power | +8dBm max. |
| Host interface | USB type-A, v2.0 |
| Antenna | Embedded |
| IC | Nordic Semiconductor nRF52833-CJAA |
| Carrier frequency | 2,400MHz to 2,483.5MHz |
| Modulation | GFSK |
| Symbol rate | 1 Mbps |
| Modulation index | 0.5 |
| Number of channels | 40 channels |
| Channel spacing | 2 MHz |
| Operating temperature/ humidity | -30°C to +60°C / +20 to +80% RH (no frost) |
| Dimensions / weight | 17.5 x 14.2 x 6.6 mm / approx. 2g |
| Certifications | Radio Act Japan, FCC, ISED, UKCA, CE, RCM, RSM |

■ Dimensions



Contact

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