# INWMPFGL001I000
### FJ-AC-WMP-1

# Wi-Fi interface for Fujitsu Air Conditioners

## 1. Introduction

Intesis INWMPFGL001I000 (FJ-AC-WMP-1) allows a complete and natural integration of Fujitsu Air Conditioners into IP based control systems. Compatible with Fujitsu Air Conditioners commercialized by Fujitsu.

- Quick and easy installation.

- External power not required.

- Direct connection to the smart hub or home's IP based control system.

- Direct connection to the AC indoor unit.

- Total Control and Supervision.

- Real states of the AC unit's internal variables.

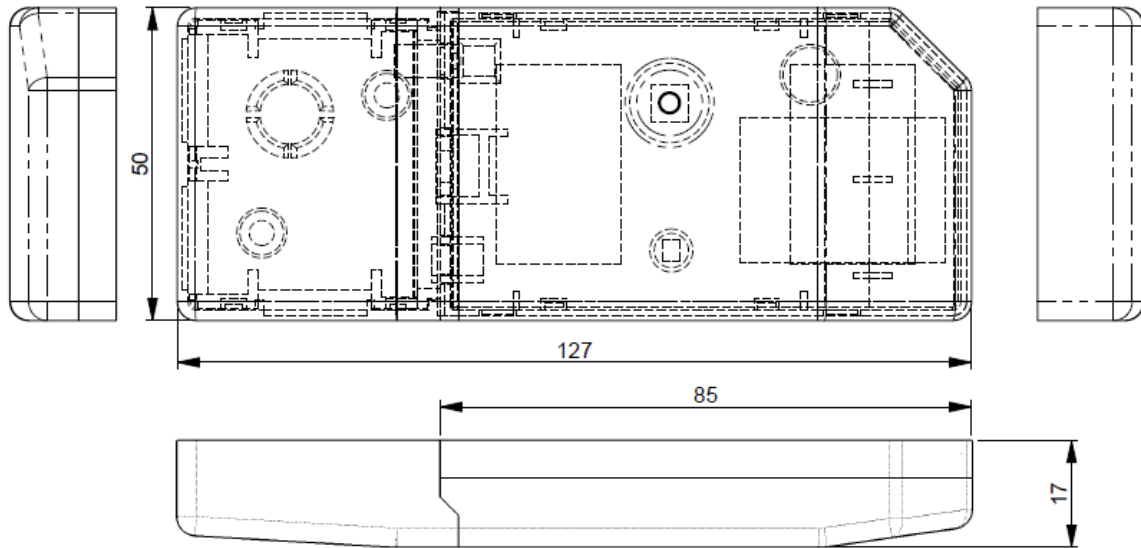- Allows using simultaneously the Fujitsu remote controllers.

URL https://www.intesis.com

## 2. Dimensions



**Figure 2.1** Device dimensions in mm and back view

## 3. Technical Features

| | |
|---|---|
| **Enclosure** | ABS (UL 94 V-0). 2,1 mm thickness |
| **Dimensions** | 127 x 50 x 17 mm |
| **Weight** | 80g |
| **Colour** | White |
| **Power supply** | 12V, 60mA typical<br>Doesn't require external power supply (supplied by the AC Unit) |
| **Radio Parameters** | Wi-Fi 802.11 (b/g/n)<br>RF Frequency band: 2.4 GHz. *Consult annex 1 for further information*<br>Output power (average): 8 dBm *(Modulated signal at antenna chip; 11Mb/Sec.)* |
| **Mounting** | Wall |
| **LED indicators** | 1 x Device status |
| **Operating Temperature** | From 0ºC to 40ºC |
| **Operating humidity** | <93% HR, no condensation |
| **Stock humidity** | <93% HR, no condensation |
| **RoHS conformity** | Compliant with RoHS directive (2011/65/EU). |

**Table 3.1** Technical features

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# Annex 1

The device can be configured in 3 different RF Modes:

- USA: 2412 – 2462 MHz (11 channels)
- Europe: 2412 – 2472 MHz (13 channels)
- Japan: 2412 – 2484 MHz (14 channels)

The factory settings are set to work in the most restrictive mode, USA: 2412 – 2462 MHz.
Therefore, if the user doesn't change any of these parameters, the gateway is compliant with the most restrictive RF regulations, stricter than European's.

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