

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.

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2. Dimensions

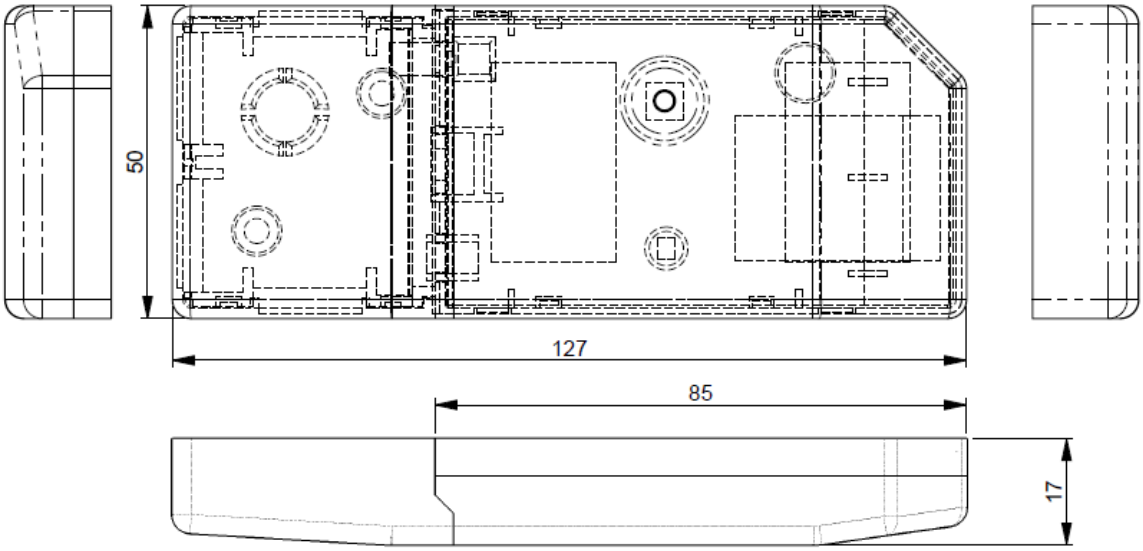

Figure 2.1 Device dimensions in mm and back view

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 Doesn't require external power supply (supplied by the AC Unit)
Radio Parameters	Wi-Fi 802.11 (b/g/n) RF Frequency band: 2.4 GHz. *Consult annex 1 for further information* 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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