



IntesisBox[®]

ME-AC-WMP-1

Order Code: IBWMPMIT001I000

Wi-Fi interface for Mitsubishi Electric Air Conditioners

1. Introduction

IntesisBox ME-AC-WMP-1 allows a complete and natural integration of Mitsubishi Electric Air Conditioners into IP based control systems. Compatible with Domestic Air Conditioners commercialized by Mitsubishi Electric.

- 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 Mitsubishi Electric remote controllers¹.

¹ ME-AC-WMP-1 is connected to the CN-105 connector, so no other controllers can be connected to this same bus.

2. Dimensions

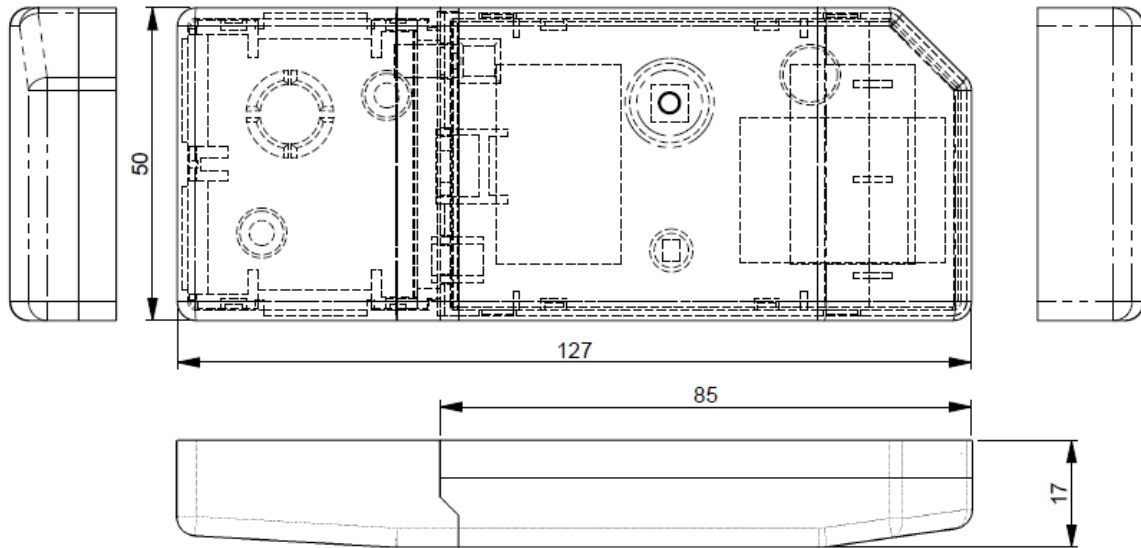


Figure 2.1 IntesisBox® device dimensions in mm and back view

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	RF Frequency range: 2412 to 2484 MHz Output power (average): - 20 dBm (11Mb/Sec.) - 14 dBm (72.2Mb/Sec.)
Mounting	Wall
LED indicators	1 x Device status
Operating Temperature	From 0°C to 40°C
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