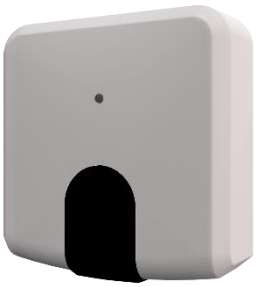

INWMPUNI001I000

IS-IR-WMP-1

Wi-Fi interface for IR communication with air conditioners

1. Dimensions

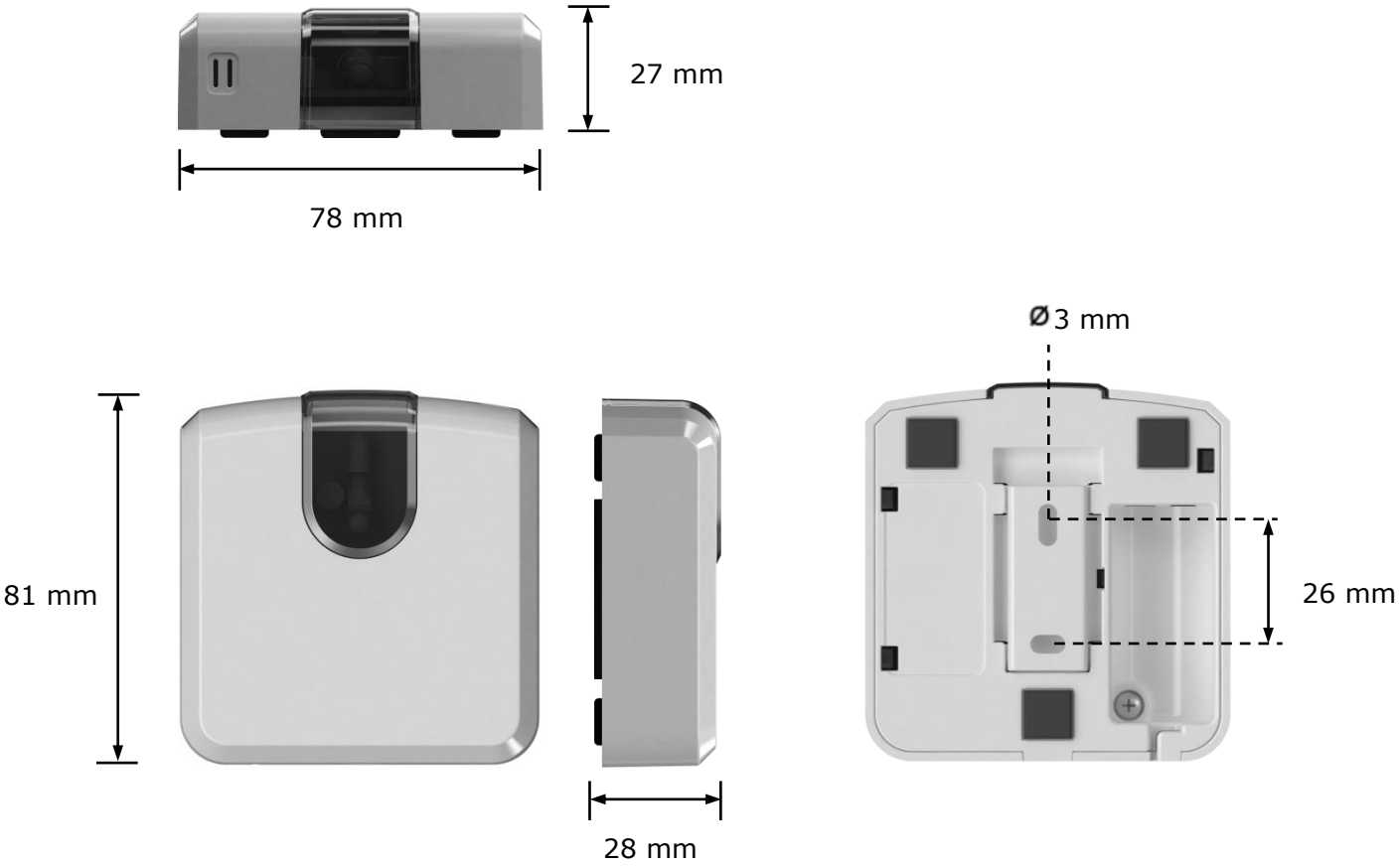

Figure 1.1 Device dimensions in mm and back view with fixing holes

2. Technical Features

Enclosure	ABS (V-0, 5VB). 2,1 mm thickness PC (V-2). 1 mm thickness
Dimensions	81 x 78 x 28 mm
Weight	76 g
Colour	White
Power supply	5VDC 0,25 A NEC Class 2 or Limited Power Source (LPS) and SELV rated Power supply
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
Button	1 x Push button
Temperature sensor	1 x Internal temperature sensor
Infrared communication	1 x Infrared receiver 2 x Infrared emitter
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 2.1 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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