AC Cloud Control

INWFIPAN001I1XX

Wi-Fi interface for Panasonic air conditioners

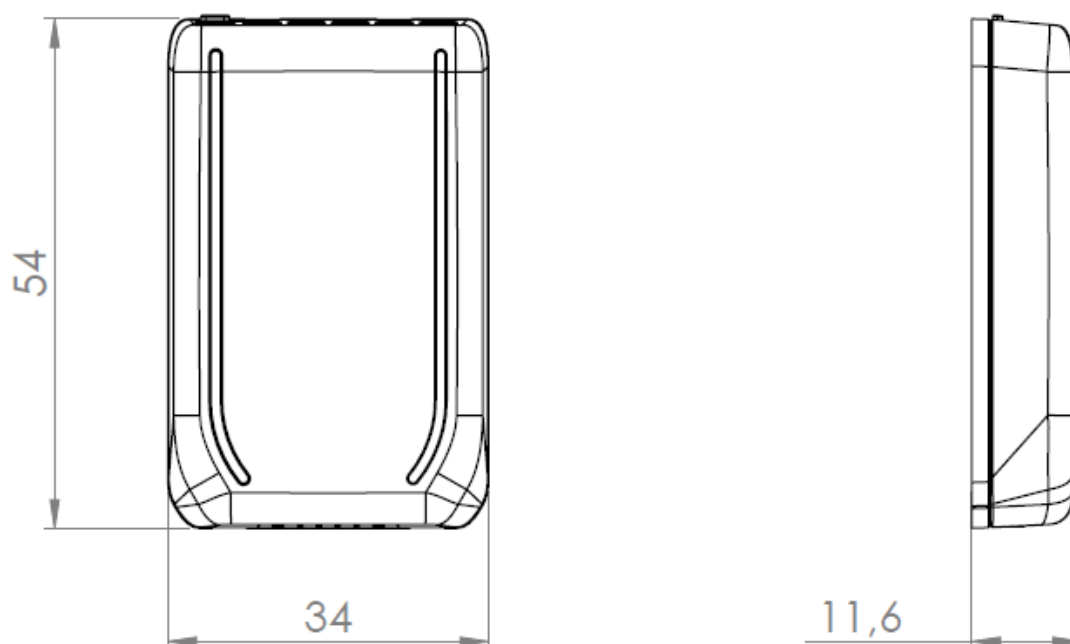## 1. Dimensions

Figure 1.1 AC Cloud Control device dimensions (in mm)

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2. Technical Features

Housing	Plastic, ABS type (UL 94 V-0) Color: Light grey NCS S 1002-B Protection: IP20
Dimensions	34 x 54 x 12 mm
Weight	20 g
Dimensions (including packaging)	133 x 135 x 35 mm
Weight (including packaging)	120 g
Power supply	12 V, 50 mA typical Doesn't require external power supply (supplied by the AC Unit) Connection cable supplied
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.)* Bluetooth v4.2 BR/EDR and BLE specification
Mounting	Inside or Outside AC unit
LED indicators	1 x Device status
Operating temperature	From 0°C to 70°C
Storage temperature	From -20°C to 85°C
Operating humidity	5% to 95% HR, no condensation
Storage humidity	<93% HR, no condensation

Certifications	CE conformity to EMC directive (2014/53/EU)
	• EN 62368-1:2014 + A11:2017
	• AS/NZS 62368.1:2018
	• ETSI EN 301 489-17 V3.2.4
	• ETSI EN 301 489-1 V2.2.3
	• ETSI EN 303 446-1 V1.2.1
	• EN 55032:2015 + AC:2016 + A11:2020
	• EN 55035:2017 + A11:2020
	• Regulations: FCC/IC
	    Standards: Title 47 CFR Part 15B
	       ICES-003 (Issue 7)

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, which are stricter than those in Europe.

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