

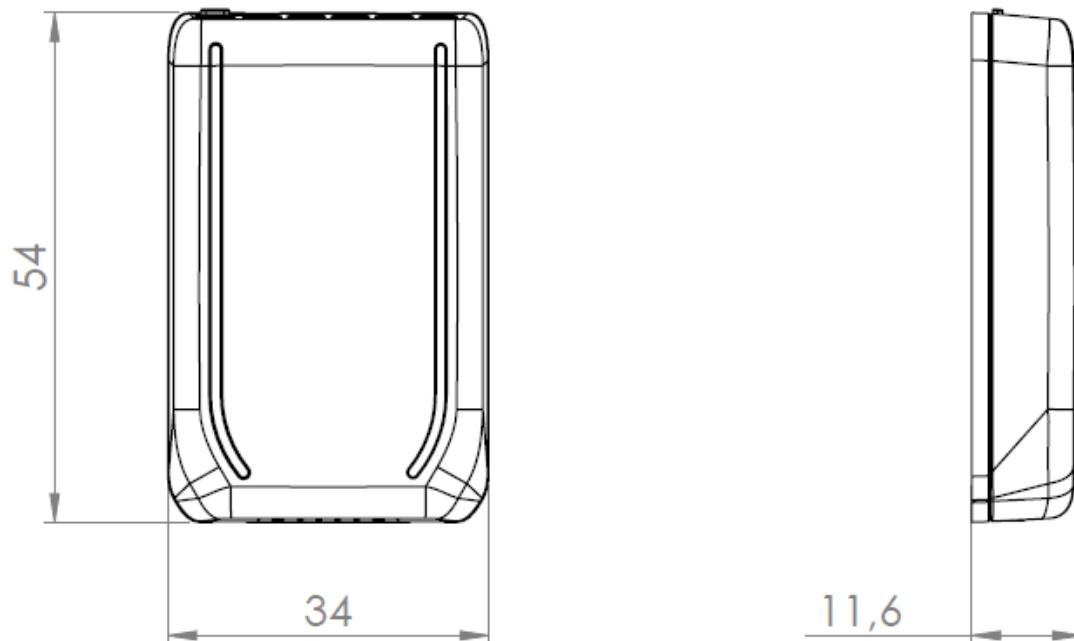


# AC Cloud Control

**INWFIDAI001I1XX**

**Wi-Fi interface for Daikin air conditioners**

## 1. Dimensions



**Figure 1.1** AC Cloud Control device dimensions (in mm)

## 2. Technical Features

<b>Housing</b>	Plastic, ABS type (UL 94 V-0) Color: Light grey NCS 1002-B Protection: IP20
<b>Dimensions</b>	34 x 54 x 12 mm
<b>Weight</b>	20 g
<b>Dimensions (including packaging)</b>	133 x 135 x 35 mm
<b>Weight (including packaging)</b>	120 g
<b>Power supply</b>	12 V, 50 mA typical Doesn't require external power supply (supplied by the AC Unit) Connection cable supplied
<b>Radio parameters</b>	Wi-Fi 802.11 (b/g/n) RF Frequency band: 2.4 GHz ( <i>Consult annex 1 for further information</i> ) Output power (average): 8 dBm ( <i>Modulated signal at antenna chip; 11Mb/Sec.</i> ) Bluetooth v4.2 BR/EDR and BLE specification
<b>Mounting</b>	Inside or Outside AC unit
<b>LED indicators</b>	1 x Device status
<b>Operating temperature</b>	From 0°C to 70°C
<b>Storage temperature</b>	From -20°C to 85°C
<b>Operating humidity</b>	5% to 95% HR, no condensation
<b>Storage humidity</b>	<93% HR, no condensation
<b>Certifications</b>	CE conformity to EMC directive (2014/53/EU) <ul style="list-style-type: none"> <li>• EN 62368-1:2014 + A11:2017</li> <li>• AS/NZS 62368.1:2018</li> <li>• ETSI EN 301 489-17 V3.2.4</li> <li>• ETSI EN 301 489-1 V2.2.3</li> <li>• ETSI EN 303 446-1 V1.2.1</li> <li>• EN 55032:2015 + AC:2016 + A11:2020</li> <li>• EN 55035:2017 + A11:2020</li> <li>• Regulations: FCC/IC</li> </ul> Standards: Title 47 CFR Part 15B ICES-003 (Issue 7)

**Table 2.1** Technical features

## 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.