

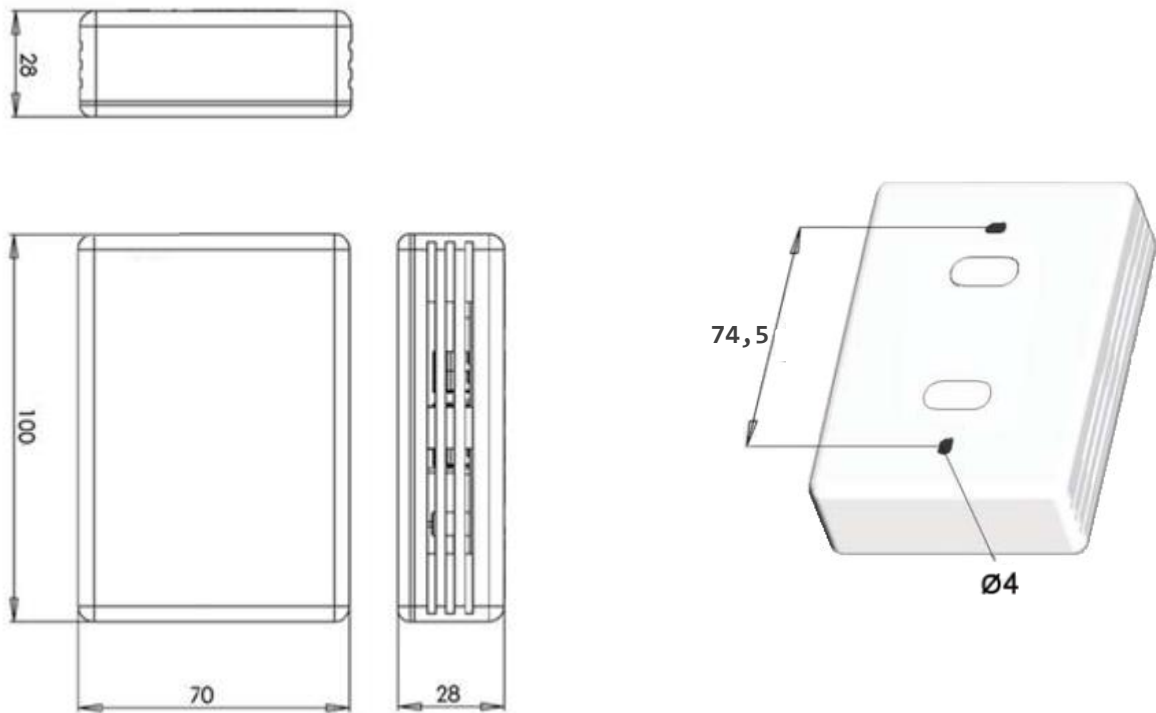


# AC Cloud Control

## INWFIMHI001R1XX

Wi-Fi interface for Mitsubishi Heavy Industries AC

### 1. Dimensions



**Figure 1.1** AC Cloud Control device dimensions in mm and back view with fixing holes

## 2. Technical Features

|   |   |
|---|---|
| <b>Enclosure</b>                        | ABS (UL 94 V-0). 2,5 mm thickness   |
| <b>Dimensions</b>                       | 70 x 100 x 28 mm  |
| <b>Weight</b>                           | 98 g  |
| <b>Dimensions (including packaging)</b> | 133 x 135 x 35 mm   |
| <b>Weight (including packaging)</b>     | 166 g   |
| <b>Colour</b>                           | White   |
| <b>AC Connector</b>                     | 12V, 85mA typical   |
| <b>Radio Parameters</b>                 | Wi-Fi 802.11 (b/g/n)<br>RF Frequency band: 2.4 GHz. <i>Consult annex 1 for further information</i><br>Output power (average): 8 dBm ( <i>Modulated signal at antenna chip; 11Mb/Sec.</i> )<br>Bluetooth v4.2 BR/EDR and BLE specification   |
| <b>Mounting</b>                         | Wall  |
| <b>LED indicators</b>                   | 1 x Device status   |
| <b>Operating Temperature</b>            | From 0°C to 40°C  |
| <b>Operating humidity</b>               | 5% to 95% HR, no condensation   |
| <b>Stock 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 + A11:2020</li> <li>• AS/NZS 62368.1:2018</li> <li>• ETSI EN 300 328 V2.2.2</li> <li>• ETSI EN 303 446-1 V1.2.1</li> <li>• ETSI EN 301 489-17 V3.2.4</li> <li>• ETSI EN 301 489-1 V2.2.3</li> <li>• ETSI EN 301 446-1 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<br>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, stricter than European's.