



**Intesis**<sup>®</sup>  
BY HMS NETWORKS

**INWMPMHI001R000**

MH-RC-WMP-1

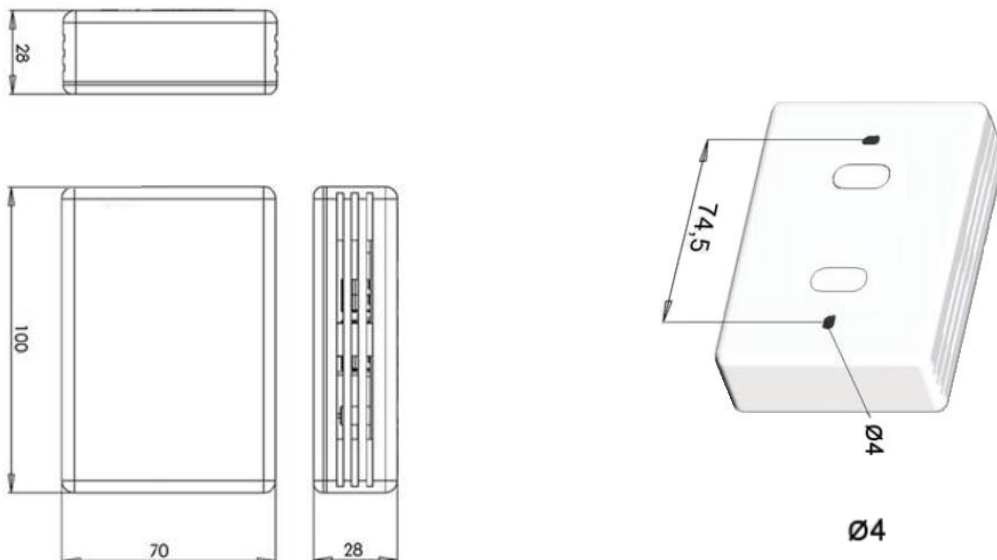
## Wi-Fi interface for Mitsubishi Heavy Ind. RAC, FD, KX6 and KXR6

### 1. Introduction

Intesis INWMPMHI001R000 (MH-RC-WMP-1) allows a complete and natural integration of Mitsubishi Heavy Industries Air Conditioners into IP based control systems. Compatible with RAC, FD, KX6 and KXR6 Air Conditioners commercialized by Mitsubishi Heavy Industries.

- Quick and easy installation.
- Direct communication 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 Mitsubishi Heavy Industries wired remote controller simultaneously.
- Compatible with 802.11 b/g/n (802.11n up to 150 Mbps)

### 2. Dimensions



**Figure 2.1** Device dimensions in mm and back view with fixing holes

### 3. 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>	100g
<b>Colour</b>	White
<b>AC connector</b>	14V, 110mA typical
<b>Power supply</b>	12DCV, 100mA
<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> )
<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>	<93% HR, no condensation
<b>Stock humidity</b>	<93% HR, no condensation
<b>RoHS conformity</b>	Compliant with RoHS2 directive (2011/65/CE).

**Table 3.1** 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.