



# IntesisBox®

## LG-RC-WMP-1

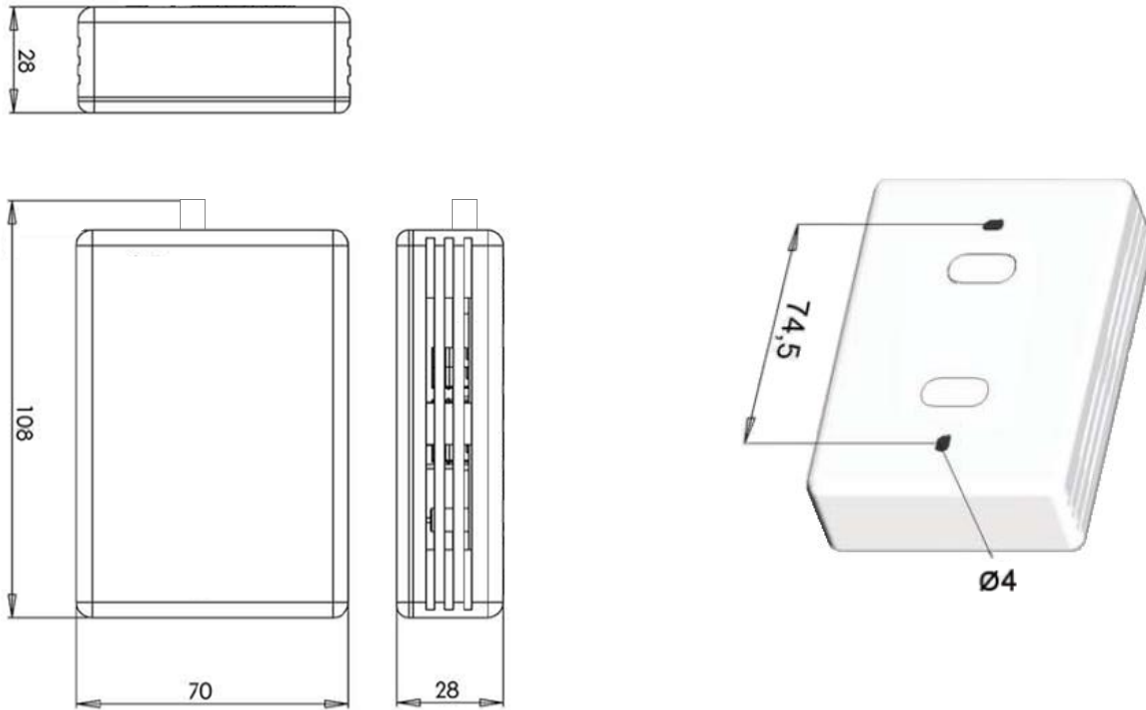
### Wi-Fi interface for LG VRF lines

#### 1. Introduction

IntesisBox LG-RC-WMP-1 allows a complete and natural integration of LG Air Conditioners into IP based control systems. Compatible with LG Air Conditioners commercialized by LG.

- Quick and easy installation.
- External power not required.
- Direct connection 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 LG's wired remote controller simultaneously.

## 2. Dimensions



**Figure 2.1** IntesisBox<sup>®</sup> device dimensions in mm and back view with fixing holes

### 3. Technical Features

|                              |  |
|------------------------------|--|
| <b>Enclosure</b>             | ABS (UL 94 HB). 2,5 mm thickness   |
| <b>Dimensions</b>            | 70 x 108 x 28 mm   |
| <b>Weight</b>                | 80g  |
| <b>Colour</b>                | White  |
| <b>Power supply</b>          | 12V, 60mA typical<br>Doesn't require external power supply (supplied by the AC Unit)   |
| <b>Radio Parameters</b>      | RF Frequency range: 2412 to 2497 MHz<br>Output power (average): 8 dBm ( <i>Modulated signal at antenna port; 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 RoHS directive (2011/65/EU).  |

**Table 3.1** Technical features