UNIWAVE Series

Wall-mounted interface and remote control with a contemporary design

Allure UNIWAVE

Remote UNIWAVE

Overview

The UNIWAVE Series is a new range of modern wireless interfaces which allows users to manage all comfort settings for a room. Allure UNIWAVE is a wireless wall-mounted sensor which is particularly suitable for renovation or retrofit projects or areas where wiring is impossible.

Features and Benefits

- A compact and elegant design offers a contemporary style that complements any environment

- A unique user experience with intuitive control of all comfort parameters from a single device

- Easily configurable and customizable using EC-*gfx*Program to provide a user interface fitting with the room applications (temperature, lighitng, sunblinds...)

- Scenario support: some predefined settings (projection mode, tunable white…) can be activated in only a few clicks

- A high contrast screen clearly displays information while using very little battery power

- Future-ready product that incorporates modern technology (*Bluetooth*® low energy, e-paper display...) that can handle the ongoing evolution of the space

- Adapted for use where wiring is not feasible such as glass paneling, brick, and concrete

- Compatible with the ECLYPSE Smart Room Control Solution

- *Bluetooth*® low energy technology allows bi-directional communication with the EC-Multi-Sensor-BLE

- Commands for lighting, blinds, temperature and fan speed are sent from the UNIWAVE device to the EC-Multi-Sensor-BLE

- System status updates are sent by the EC-Multi-Sensor-BLE to the UNIWAVE device

- The versatility of the UNIWAVE Series allows the choice between a remote control or a wireless room interface

- The wall mounted Allure UNIWAVE gives wireless sensing capabilities (temperature and humidity)

Model Selection

Examples: Allure UNIWAVE-*W-H*
Remote UNIWAVE-*B*
Wall holder UNIWAVE-*B*

Model	Description
Allure UNIWAVE	**-B:** Wireless wall interface with room temperature sensor (black)
	-W: Wireless wall interface with room temperature sensor (white)
	-B-H: Wireless wall interface with room temperature and humidity sensors (black)
	-W-H: Wireless wall interface with room temperature and humidity sensors (white)
Remote UNIWAVE	**-B:** Remote control (black)
	-W: Remote control (white)
Wall holder UNIWAVE	**-B:** Wall mount accessory for Remote UNIWAVE-B (black)
	-W: Wall mount accessory for Remote UNIWAVE-W (white)

Accessories

EC-Multi-Sensor-BLE	Compact multi-sensor with Bluetooth low energy connectivity

Product Specifications

Power Supply Input

Battery	2 batteries, 1.5 V AAA LR03 type
Indicative Battery Lifetime	>36 months (under typical use)

Wireless Communication

Type	Bluetooth v5.0
Frequency	2402-2480 MHz
Carrier Power	+4 dBm

Mechanical

Room Sensor Dimensions (H × W × D)	148 × 58 × 22.23 mm (5.83 × 2.28 × 0.875")
Remote with Holder Dimensions (H × W × D)	139.4 × 48.91 × 25.29 mm (5.49 × 1.93 × 1.0")
Allure UNIWAVE Shipping Weight	0.18 kg (0.40 lbs)
Remote UNIWAVE Shipping Weight	0.14 kg (0.31 lbs)
Wall holder Shipping Weight	0.137 kg (0.30 lbs)
Material	ABS
Color	White or Black
Mechanical Protection	IP20

Environmental

Operating Temperature	32°F to 122°F (0°C to 50°C)
Storage Temperature	32°F to 122°F (0°C to 50°C)
Relative Humidity	0% to 80% Non-condensing
IP Rating	IP20 (IEC 60529)

Screen

Screen Dimensions (W × H)	23.7 × 48.55 mm (0.93 × 1.91")
Diagonal	54.10 mm (2.13")
Display type	E-paper

Keypad

Material	Silicone
Number of Keys	6 keys

Temperature Sensor

Accuracy	Sensing component; ±0.20°C (±0.36°F)
	Overall accuracy; ±0.50°C (±0.90°F)
Resolution	0.10°C (0.18°F)

Humidity Sensor

Accuracy	<±2%: RH 10% to 80%
Resolution	1%

Standards and Regulations

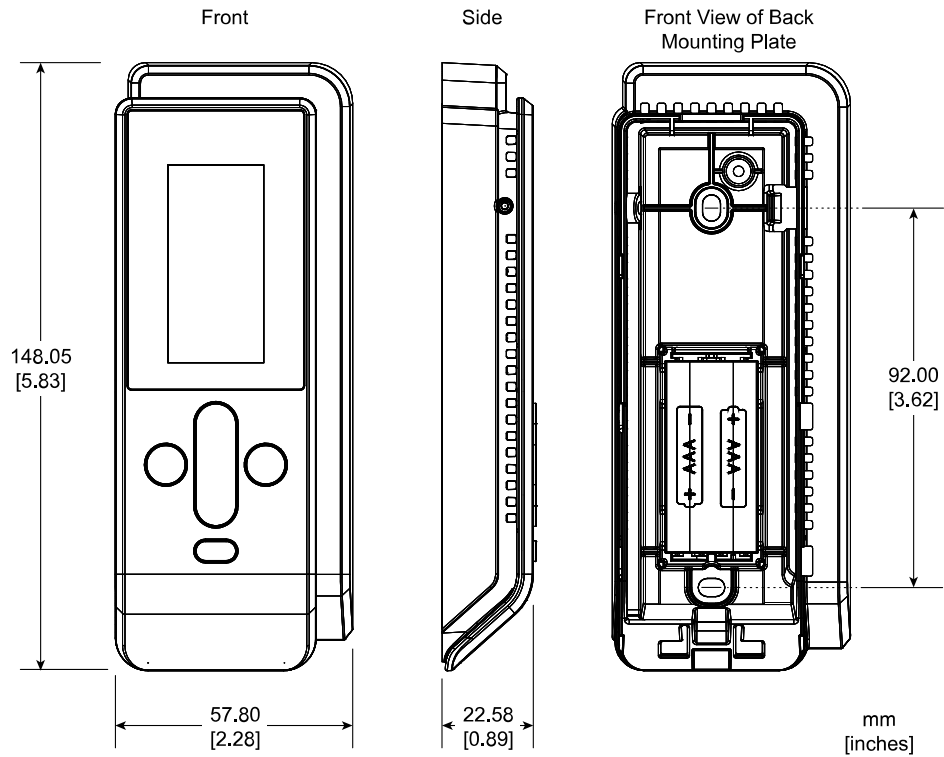|	
CE - Emission	EN 61000-6-3: 2007 + A1: ed.2011
CE - Immunity	EN 61000-6-1: 2007
CE - Radio	EN 300 328 V2.1.1 November 2016
FCC	FCC rules part 15, subpart B, class B

Front   Side   Front View of Back
Mounting Plate

148.05
[5.83]

92.00
[3.62]

57.80
[2.28]

22.58
[0.89]

mm
[inches]

Figure 1: Allure UNIWAVE wall mounted sensor dimensions

Front   Side   Side with
holder   Holder

139.4
[5.49]

63.00
[2.48]

48.91
[1.93]

21.45
[0.85]

25.29
[1.00]

mm
[inches]
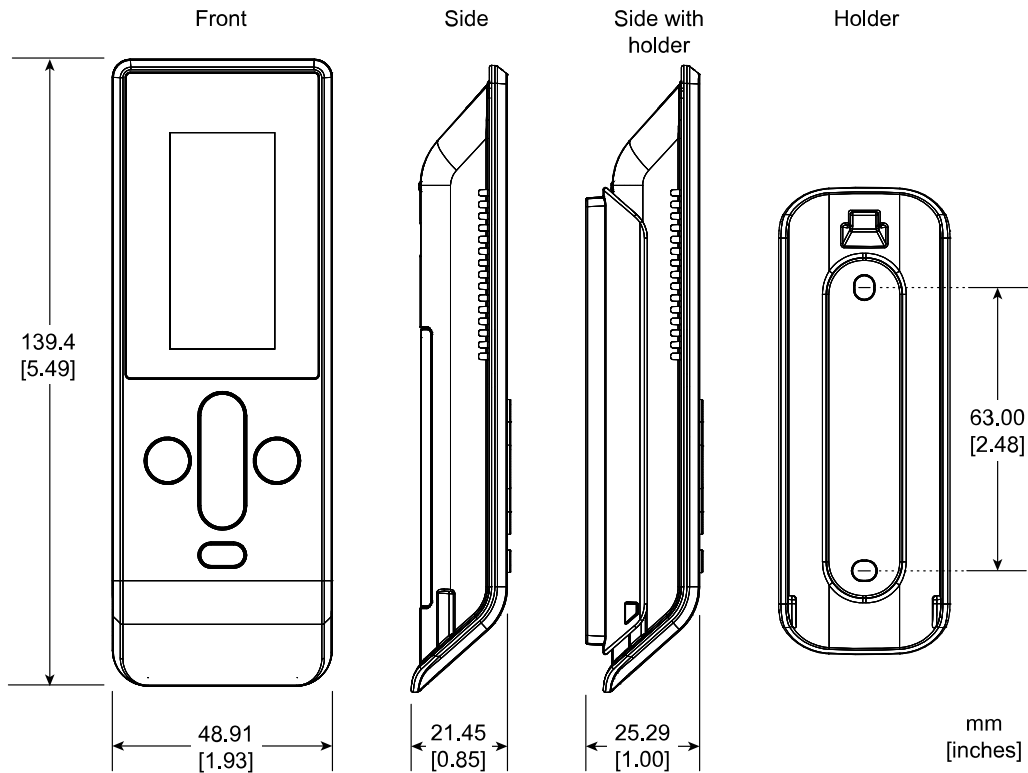
Figure 2: Remote UNIWAVE with wall holder dimensions

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