



CERTIFICATE OF CONSTANCY OF PERFORMANCE

0051 – CPR – 2603

In compliance with Regulation (EU) No. 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation, or CPR), this Certificate applies to the construction product

INPUT/OUTPUT DEVICE USING RADIO LINKS

Trademark: **HYFIRE**
Model: **TAU-CEM-01**

Other information: **see ANNEX**

Produced by:
HYFIRE WIRELESS FIRE SOLUTIONS LTD
Unit B12a, Holly Farm Business Park, Honiley Warwickshire CV8 1NP (UK)

In the manufacturing plant:
PI.Q0009R

This Certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard(s)

EN 54-18:2005
EN 54-25:2008 + AC:2012

under system **1** are applied and that **the product fulfills all the prescribed requirements set out above.**

This certificate was first issued on 2021-11-11 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonized standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.

ING. V. BAGGIO
CPR TECHNICAL DIRECTOR

Milan, 2021-11-11

This Certificate was issued by IMQ S.p.A., a Notified Body according to Regulation (EU) No. 305/2011.
IMQ S.p.A. Identification Number is: 0051.

ANNEX

0051–CPR–2603

Configuration

The output device model TAU-CEM-01 consists of a plastic enclosure (dimensions: 235 x 160 x 65 mm) with IP30 degree of protection, containing:

- No. 1 Main board (PCB code B40-TWMEC-0003);
- No. 1 Display board (PCB code B20-CWEX2-2002);
- No. 1 SX antenna board (PCB code B40-CWEX2-3002);
- No. 1 DX antenna board (PCB code B40-CWEX2-4001).

Technical Characteristics

- Operating frequency band: 868 MHz ; 916 MHz;
- Hardware identification of the microcontrollers (U13 and U19) used on the main board:
 - STMicroelectronics, STM32L471VG (U13);
 - STMicroelectronics, STM32L151RC (U19);
- Firmware identification of the microcontrollers (U13 and U19) used on the main board:
 - v. 0.21.7 (U13) and v. 0.8.16 (U19).