



# CERTIFICATE OF CONSTANCY OF PERFORMANCE

## 0051-CPR-2594

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

Product: **HEAT DETECTOR USING RADIO LINKS**  
Models: **TAU-TH-01; TAU-TH-01-BL**  
Trademark: **HYFIRE**  
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 54-5:2017 + A1:2018**  
**EN 54-25:2008 + AC:2012**

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

ISSUED ON 29/06/2022

REVISION 1

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B.U. PRODUCT CONFORMITY ASSESSMENT  
CPR TECHNICAL DIRECTOR  
(ENG. VALBERTO BAGGIO)

This certificate cancels and replaces the certificate having the same number and issued on 11-11-2021 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 products, and the manufacturing conditions in the plant are not modified significantly.

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**. This certificate is subjected to the Regulation of Assessment and Verification of Constancy of Performance of the Construction Products as Notified Body, according to Regulation (EU) no. 305/2011 and Legislative Decree n.106/ 2017 (REG. ON / CPR)

# ANNEX

## 0051 – CPR – 2594

### Model **TAU-TH-01**

#### Configuration:

The heat detector model TAU-TH-01 consists of a white plastic enclosure (dimensions: 110 (d) x 65 (h) mm) with IP40 degree of protection, containing:

- No. 1 Main board (PCB code B40-LB100-0004);
- No. 2 Battery allocable (CR123A Lithium, 3 V – 1.25Ah).

#### Technical Characteristics

- Operating frequency band: 868 MHz; 916 MHz;
- Hardware identification of the microcontroller (U4) used on the main board: STMicroelectronics, STM32L051R8;
- Firmware identification of the microcontroller (U4) used on the main board: v. 1.0.4

### Model **TAU-TH-01-BL**

#### Configuration:

The heat detector model TAU-TH-01-BL is identical to the model TAU-TH-01 but with black enclosure.

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**. This certificate is subjected to the Regulation of Assessment and Verification of Constancy of Performance of the Construction Products as Notified Body, according to Regulation (EU) no. 305/2011 and Legislative Decree n.106/ 2017 (REG. ON / CPR)