



# CERTIFICATE OF CONSTANCY OF PERFORMANCE

## 0051 – CPR – 2176

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

### HEAT DETECTOR USING RADIO LINKS

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

Other information: **see ANNEX**

Produced by:  
**STERLING SAFETY SYSTEMS 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 54-5:2000 + A1:2002**  
**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 2020-11-03 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.

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ING. V. BAGGIO  
CPR TECHNICAL DIRECTOR

Milan, 2020-11-03

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–2176

### Configuration

The heat detector model TAU-TH-01 consists of a 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): STMicroelectronics, STM32L051R8;
- Firmware identification of the microcontroller (U4): v. 1.0.4