

## DECLARATION OF PERFORMANCE

**According to The Construction Products (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/465) and The Construction Products (Amendment etc.) (EU Exit) Regulations 2020 (S.I. 2020/1359)**

**N° 21-0001**

1. *Unique Product identification code:*

**As detailed on the Supplementary Information Sheet**

2. *Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):*

**Smoke Alarm Devices**

3. *Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:*

**Fire Safety**

4. *Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):*

**Ei Electronics,  
Shannon Free Zone West, Shannon, Co. Clare, Ireland**

5. *Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):*

**Not applicable**

6. *System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:*

**System 1**

7. *In case of the declaration of performance concerning a construction product covered by the harmonized standard:*

**The Notified Product Certification Body , 0086  
(British Standards Institution)**

*performed type testing and the initial inspection of the manufacturing plant and of the factory production control with continuous surveillance assessment and approval of the factory production control under system 1 and issued the EC certificates of conformity:*

**0086 CPR 744244**

8. *In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:*

**Not applicable, see item 7**

9. *Declared performance:*


All requirements including all Essential Characteristics and the corresponding performances for the intended use or uses indicated in point 3 above have been determined as described in the hEN mentioned in the table below.

Essential characteristics	Performance	Harmonized technical specification EN14604:2005/AC:2008 Clauses
Nominal activation conditions / Sensitivity, Response delay (response time) and Performance under fire conditions	passed	4.12, 4.18, 5.2, 5.3, 5.4, 5.5, 5.6, 5.15, 5.17, 5.18, 5.19, 5.20
Operational reliability	passed	4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9, 4.10, 4.11, 4.13, 4.14, 4.15, 4.16, 4.17, 4.19, 5.11, 5.16, 5.22, 5.23, 5.24
Tolerance to supply voltage	passed	5.21
Durability of operational reliability and response delay: temperature resistance	passed	5.7, 5.8
Durability of operational reliability Vibration resistance	passed	5.12, 5.13
Durability of operational reliability, Humidity resistance	passed	5.9
Durability of operational reliability, Corrosion resistance	passed	5.10
Durability of operational reliability, electrical stability	passed	5.14

10. *The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.*

*This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.*

*Signed for and on behalf of the manufacturer by:*



Mike Keegan  
Head of Engineering

29 Nov 2022

## Supplementary Information Sheet

Declaration of Performance Certificate N° 21-0001

### Battery Powered Smoke Alarms

**Ei650** – Photoelectric Smoke Alarm with Non-User Replaceable Lithium Battery

**Ei650R** – Photoelectric Smoke Alarm with User Replaceable Lithium Battery

**Ei650W** - Photoelectric Smoke Alarm with Wireless Interconnect Function and Non-User Replaceable Lithium Battery

**Ei650RW** - Photoelectric Smoke Alarm with Wireless Interconnect Function and User Replaceable Lithium Battery

**Ei650C** - Photoelectric Smoke Alarm with Wireless & Hardwire Interconnect Function and Non-User Replaceable Lithium Battery

**Ei650RC** - Photoelectric Smoke Alarm with Wireless & Hardwire Interconnect Function and User Replaceable Lithium Battery

**Ei650RF** – Photoelectric Smoke Alarm with Ei600MRF RF Interconnect Module and Non-User Replaceable Lithium Battery

**Ei650RRF** - Photoelectric Smoke Alarm with Ei600MRF RF Interconnect Module and User Replaceable Lithium Battery

**Ei650I** – Photoelectric Smoke Alarm with AudioLINK+ and Non-User Replaceable Lithium Battery

**Ei650Ri** – Photoelectric Smoke Alarm with AudioLINK+ and User Replaceable Lithium Battery

**Ei650iW** - Photoelectric Smoke Alarm with Wireless Interconnect Function, AudioLINK+ and Non-User Replaceable Lithium Battery

**Ei650RiW** - Photoelectric Smoke Alarm with Wireless Interconnect Function, AudioLINK+ and User Replaceable Lithium Battery

**Ei650iC** - Photoelectric Smoke Alarm with Wireless & Hardwire Interconnect Function, AudioLINK+ and Non-User Replaceable Lithium Battery

**Ei650RiC** - Photoelectric Smoke Alarm with Wireless & Hardwire Interconnect Function, AudioLINK+ and User Replaceable Lithium Battery

**Ei650iRF** - Photoelectric Smoke Alarm with Ei600MRF RF Interconnect Module, AudioLINK+ and Non-User Replaceable Lithium Battery

**Ei650RiRF** - Photoelectric Smoke Alarm with Ei600MRF RF Interconnect Module, AudioLINK+ and User Replaceable Lithium Battery

**Ei660** – Photoelectric Smoke & Class A1 Heat Alarm with Non-User Replaceable Lithium Battery

**Ei660R** – Photoelectric Smoke & Class A1 Heat Alarm with User Replaceable Lithium Battery

**Ei660W** - Photoelectric Smoke & Class A1 Heat Alarm with Wireless Interconnect Function Non-User Replaceable Lithium Battery

**Ei660RW** - Photoelectric Smoke & Class A1 Heat Alarm with Wireless Interconnect Function and User Replaceable Lithium Battery

**Ei660C** - Photoelectric Smoke & Class A1 Heat Alarm with Wireless & Hardware Interconnect Function and Non-User Replaceable Lithium Battery

**Ei660RC** - Photoelectric Smoke & Class A1 Heat Alarm with Wireless & Hardware Interconnect Function and User Replaceable Lithium Battery

**Ei660RF** – Photoelectric Smoke & Class A1 Heat Alarm with Ei600MRF RF Interconnect Module and Non-User Replaceable Lithium Battery

**Ei660RRF** - Photoelectric Smoke & Class A1 Heat Alarm with Ei600MRF RF Interconnect Module and User Replaceable Lithium Battery

**Ei660I** – Photoelectric Smoke & Class A1 Heat Alarm with AudioLINK+ and Non-User Replaceable Lithium Battery

**Ei660Ri** – Photoelectric Smoke & Class A1 Heat Alarm with AudioLINK+ and User Replaceable Lithium Battery

**Ei660iW** - Photoelectric Smoke & Class A1 Heat Alarm with Wireless Interconnect Function, AudioLINK+ and Non-User Replaceable Lithium Battery

**Ei660RiW** - Photoelectric Smoke & Class A1 Heat Alarm with Wireless Interconnect Function, AudioLINK+ and User Replaceable Lithium Battery

**Ei660iC** - Photoelectric Smoke & Class A1 Heat Alarm with Wireless & Hardware Interconnect Function, AudioLINK+ and Non-User Replaceable Lithium Battery

**Ei660RiC** - Photoelectric Smoke & Class A1 Heat Alarm with Wireless & Hardware Interconnect Function, AudioLINK+ and User Replaceable Lithium Battery

**Ei660iRF** - Photoelectric Smoke & Class A1 Heat Alarm with Ei600MRF RF Interconnect Module, AudioLINK+ and Non-User Replaceable Lithium Battery

**Ei660RiRF** - Photoelectric Smoke & Class A1 Heat Alarm with Ei600MRF RF Interconnect Module, AudioLINK+ and User Replaceable Lithium Battery

