

Kitemark™ Certificate

This is to certify that:

Ei Electronics
Shannon Free Zone West
Shannon
Ireland

Holds Certificate Number:

KM 522831

In respect of:

BS EN 14604
Domestic Smoke Alarms

This issues the right and licence to use the Kitemark in accordance with the Kitemark Terms and Conditions governing the use of the Kitemark, as may be updated from time to time by BSI Assurance UK Ltd (the "Conditions"). All defined terms in this Certificate shall have the same meaning as in the Conditions.

The use of the Kitemark is authorized in respect of the Product(s) detailed on this Certificate provided at or from the above address.



For and on behalf of BSI:

Shahm Barhom, Group Product Certification Director

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The Smoke Alarms listed below are certified to BS EN14604:2005.

Mains Powered Smoke Alarms Circular Units

Model Reference	Type
Ei161	Easi-Fit Ionisation Smoke Alarm with Rechargeable Lithium Battery Back-up
Ei161e	Easi-Fit Ionisation Smoke Alarm with Non User-Replaceable Rechargeable Battery Back-up, Alarm Silence and Hardwired or RF Interconnect
Ei161R	Easi-Fit Ionisation Smoke Alarm with Rechargeable Lithium Battery Back-up, Remote Test and Remote Alarm Silence Function
Ei161RC	Easi-Fit Ionisation Smoke Alarm with Rechargeable Lithium Battery Back-up, Remote Test and Remote Alarm Silence Function
Ei140	Easi-Fit Standard Ionisation Smoke Alarm
Ei141	Easi-Fit Ionisation Smoke Alarm with 9V Primary Battery Back-up
Ei141RC	Easi-Fit Ionisation Smoke Alarm with 9V Primary Battery Back-up, Remote Test and Alarm Silence Function
Ei145	Easi-Fit Standard Photoelectric Smoke Alarm
Ei146	Easi-Fit Photoelectric Smoke Alarm with 9V Primary Battery Back-up
Ei146e	Easi-Fit Photoelectric Smoke Alarm with 9V Alkaline Battery Back-up, Alarm Silence and Hardwired or RF Interconnect
Ei146RC	Easi-Fit Photoelectric Smoke Alarm with 9V Primary Battery Back-Up & Remote Test & Hush Control Function
Ei163RC	Photoelectric Smoke Alarm with Heat Enhancement, Interconnect Function, Alarm Silence Function and Rechargeable Battery Back-up
Ei166	Easi-Fit Photoelectric Smoke Alarm with Rechargeable Lithium Battery Back-up
Ei166e	Easi-Fit Photoelectric Smoke Alarm with Non-User-Replaceable Rechargeable Battery Back-up, Alarm Silence and Hardwired or RF Interconnect
Ei166R	Easi-Fit Photoelectric Smoke Alarm with Rechargeable Lithium Battery Back-up, Remote Test and Remote Alarm Silence Function
Ei166RC	Easi-Fit Photoelectric Smoke Alarm with Rechargeable Lithium Battery Back-up, Remote Test and Remote Alarm Silence Function
Ei2110	Photoelectric Smoke Alarm with Heat Enhancement, Interconnect Function, Alarm Silence Function and Rechargeable Battery Back-up

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Mains Powered Smoke Alarms Circular Units (continued)

Model Reference	Type
Ei2110e	Photoelectric Smoke and Class A1 Heat Alarm with Non User Replaceable Rechargeable Back-up Battery, Alarm Silence and Hardwired or RF Interconnect
Ei3016	Photoelectric Smoke Alarm with Alarm Silence Function, Hardwired or RF Interconnect and Rechargeable Battery Back-up
Ei3016RF	Photoelectric Smoke Alarm with Alarm Silence Function, RF Interconnect and Rechargeable Battery Back-up
Ei3024	Photoelectric Smoke and Class A1 Heat Alarm with Alarm Silence Function, Hardwired or RF Interconnect and Rechargeable Battery Back-up
Ei3024RF	Photoelectric Smoke and Class A1 Heat Alarm with Alarm Silence Function, RF Interconnect and Rechargeable Battery Back-up
Ei3030	Photoelectric Smoke, Class A1 Heat and Carbon Monoxide Alarm with Alarm Silence Function, Hardwired and RF Interconnect and Rechargeable Battery Back-up
Ei3030RF	Photoelectric Smoke, Class A1 Heat and Carbon Monoxide Alarm with Alarm Silence Function, RF Interconnect and Rechargeable Battery Back-up

Note¹: The Ei161e and Ei166e are suitable for use with the Ei100MRF Optional RF Module.

Note²: The Ei163RC and Ei2110 are the identical generic alarm. The Ei163rc / Ei2110 has been in addition to TF2, TF3, TF4 & TF5 of EN14604 been subjected to TF1, TF6 and TF8 of BS ISO 7240-155.

Note³: The Ei163RC and Ei2110 provide Class A1 Heat Detection assessed to requirements from BS 5446 Part 2 and Drift compensation assessed to clause 8 of BS EN54 Part 7.

Note⁴: The Ei2110e has in addition to TF2, TF3, TF4 & TF5 of EN14604 been subjected to TF1, TF6 and TF8 of BS ISO 7240-155.

Note⁵: The Ei3024 and Ei3030 have in addition to TF2, TF3, TF4 & TF5 of EN14604 been subjected to TF1, TF6 and TF8 in accordance with EN 54-29:2012 and ISO 7240-9:2012.

Note⁶: The Ei3016, Ei3024 and Ei3030 are suitable for use with the Ei3000MRF Optional RF Module.

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BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

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Mains Powered Smoke Alarms Rectangular Units

Model Reference	Type
Ei151TL	Ionisation Smoke Alarm with Rechargeable Lithium Battery Back-up
Ei151TLR	Ionisation Smoke Alarm with Rechargeable Lithium Battery Back-up, Remote Test and Remote Alarm Silence Function
Ei156TLH	Photoelectric Smoke Alarm with Rechargeable Lithium Battery Back-up and Alarm Silence Function
Ei156TLR	Photoelectric Smoke Alarm with Rechargeable Lithium Battery Back-up Remote Test and Remote Silence Function

Battery Powered Smoke Alarms Circular Units

Model Reference	Type
Ei405	Photoelectric Smoke Alarm with RF Wireless Interconnect
Ei405N	Photoelectric Smoke Alarm
Ei405TYCN	Photoelectric Smoke Alarm with Interconnect Function and Non-User Replaceable Lithium Batteries
Ei405C	Photoelectric Smoke Alarm with RF Wireless Interconnect and Wired Interconnect Function
Ei405CN	Photoelectric Smoke Alarm with Interconnect Function
Ei405TYC	Photoelectric Smoke Alarm with RF Wireless Interconnect and Wired Interconnect Function and Non-User Replaceable Lithium Batteries
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

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Battery Powered Smoke Alarms
Circular Units (continued)

Model Reference	Type
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 and 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 & Hardwire Interconnect Function and Non-User Replaceable Lithium Battery
Ei660RC	Photoelectric Smoke & Class A1 Heat Alarm with Wireless & Hardwire 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

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Battery Powered Smoke Alarms Circular Units (continued)

Model Reference	Type
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 & Hardwire Interconnect Function, AudioLINK+ and Non-User Replaceable Lithium Battery
Ei660RiC	Photoelectric Smoke & Class A1 Heat Alarm with Wireless & Hardwire 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

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Battery Powered Smoke Alarms Rectangular Units

Model Reference	Type
Ei100B	Standard Ionisation Smoke Alarm
Ei100C	Ionisation Smoke Alarm with Interconnect Function
Ei100L	Ionisation Smoke Alarm with Emergency Light Function
Ei100S	Ionisation Smoke Alarm with Alarm Silence Function
Ei100TY	Ionisation Smoke Alarm with Long Life Lithium Battery and Alarm Silence Function
Ei100TYC	Ionisation Smoke Alarm with Interconnect, Long Life Lithium Battery and Alarm Silence Function
Ei105B	Standard Photoelectric Smoke Alarm
Ei105B-FY	Standard Photoelectric Smoke Alarm WITH Lithium Battery
Ei105C	Photoelectric Smoke Alarm with Interconnect
Ei105H	Photoelectric Smoke Alarm with Alarm Silence Function
Ei2105B	Standard Photoelectric Smoke Alarm
Ei2105C	Photoelectric Smoke Alarm with Interconnect
Ei2105H	Photoelectric Smoke Alarm with Alarm Silencer Function

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Battery Powered Smoke Alarms Rectangular Units (continued)

Model Reference	Type
Ei3100RF	Ionisation Smoke Alarm with Radio Link Function
Ei3105TY	Photoelectric Smoke Alarm with Long Life Lithium Battery
Ei3105TYH	Photoelectric Smoke Alarm with Long Life Lithium Battery and Alarm Silence Function
Ei3105TYCH	Photoelectric Smoke Alarm with Interconnect, Long Life Lithium Battery and Alarm Silence Function
Ei3105B	Standard Photoelectric Smoke Alarm
Ei3105C	Photoelectric Smoke Alarm with Interconnect Function
Ei3105H	Photoelectric Smoke Alarm with Alarm Silence Function
Ei3105L	Photoelectric Smoke Alarm with Emergency Light Function
Ei3105LC	Photoelectric Smoke Alarm with Interconnect and Emergency Light Function
Ei3105LCH	Photoelectric Smoke Alarm with Interconnect, Emergency Light and Alarm Silence Function
Ei3105RF	Radio Linked Photoelectric Smoke Alarm
Ei3500B	Standard Ionisation Smoke Alarm
Ei3500RF	Ionisation Smoke Alarm with RF Wireless Interconnect Function
Ei3500S	Ionisation Smoke Alarm with Alarm Silence Function

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Low Power Smoke Alarms
Circular Units

Model Reference	Type
Ei180	10 to 30VDC Easy Fit Ionisation Smoke Alarm
Ei181	10 to 30VDC Easy Fit Ionisation Smoke Alarm with Battery Back-up
Ei185	10 to 30VDC Easy Fit Photoelectric Smoke Alarm
Ei186	10 to 30VDC Easy Fit Photoelectric Smoke Alarm with Battery Back-up
9000/77	10 to 30VDC Easy Fit Photoelectric Smoke Alarm with Battery Back-up (powered by the 9000/83A base)
9000/83A	Smoke Alarm Mounting Base (Tunstall Telecom) for the 9000/77 Smoke Alarm

Low Power Smoke Alarms
Rectangular Units

Model Reference	Type
Ei100R3	12V DC Ionisation Smoke Alarm with Relay Output
Ei105R3	12V DC Photoelectric Smoke Alarm with Relay Output
Ei105R4	10V DC Photoelectric Smoke Alarm with Relay Output

Note7: The Ei168 RF Transceiver Patress is suitable for use with the following Smoke Alarms. The Ei168RF itself is not subject to the Kitemark: Ei141RC, Ei146RC, Ei161RC, Ei166RC and Ei2110 Smoke Alarms.

The Ei168RC RF Transceiver Patress is suitable for use with the following Smoke Alarms. The Ei168RC itself is not subject to the Kitemark: Ei146e, Ei141RC, Ei146RC, Ei161RC, Ei166RC and Ei2110 Smoke Alarms.

The Ei1529RC Remote Control Switch Box is suitable for use with the: Ei146e, Ei141RC, Ei146RC, Ei161RC, Ei166RC, Ei2110, Ei3016 and Ei3024

Photoelectric Smoke Alarms are certified for use with either the polyester or metal insect screens

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The above product may be Kitemarked when branded with the following trademarks.

For the purpose of traceability, the Kitemark certificate number must appear adjacent to the Kitemark symbol on all branded products:

Model Reference	Alternative Branded Model	Supplier
Ei100B	Ei100B-CON	Context Plus
Ei105B	Ei105B-CON	Context Plus
Ei141RC	Ei141RC-CON	Context Plus
Ei146RC	Ei146RC-CON	Context Plus
	SBI-1010	SHIELD-UK
Ei161e	Ei161e-CON	Context Plus
Ei166e	Ei166e-CON	Context Plus
Ei650iW	BRVO-L	Vestifold Audio AS
Ei2110e	Ei2110e-CON	Context Plus
	SBI-1030	SHIELD-UK
Ei3100RF	Ei3100RF-CON	Context Plus
Ei3105RF	Ei3105RF-CON	Context Plus
Ei3500RF	BE1551	Bellman & Symfon

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