

UKCA Certificate of Constancy of Performance

This is to certify that:

Sentura Group Ltd.
Sentura House
3 Lands End Way
Oakham
Rutland
LE15 6RB
United Kingdom

Holds Certificate Number:

0086 CPR 803388

In respect of:

Smoke Alarm Devices
BS EN 14604:2005 / AC:2008

In compliance with the Regulation (UK) Statutory Instrument 2019 No 465 of the United Kingdom Parliament (Construction Products (Amendment etc.) (EU Exit) Regulations or CPR), this certificate applies to the above construction product. This certificate attests that all the provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the above standard(s) under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product. This certificate was first issued on the date below and will remain valid as long as neither the designated standard, the construction product, the AVCP methods, nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the approved product certification body.

For and on behalf of BSI, an Approved
Body for the above Regulation
(Approved Body Number 0086):



Shahm Barhom, Group Product Certification Director

First Issued: 2024-06-17

Effective Date:

Latest Issue: 2024-06-17



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No. 0086 CPR 803388

Manufacturing Plant: **Zhejiang Jiaboer Electronic Technology Co., Ltd**
No.72, Dayantou
Tingshan Village
Dayuan Town
Fuyang District
Hangzhou City
Zhejiang
China

Product Information

Mains Powered Smoke Alarms

Model Reference	Type
FSM10W	Photoelectric Smoke Alarm with RF and Wired Interconnect, Alarm Silence Feature and Non-User Replaceable Back-up Batteries

Battery Powered Smoke Alarms

Model Reference	Type
FSB10W	Photoelectric Smoke Alarm with RF Interconnect, Alarm Silence Feature and Non-User Replaceable Battery – Suitable for use in LAV's

Note¹: The FSB10W is certified for use in Leisure Accommodation Vehicles (LAV's)

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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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Appendix 1

Technical Specification		BS EN 14604:2005 / AC:2008
Essential Characteristics	Performance	Clause
Nominal activation conditions / sensitivity / response delay (response time) and performance under fire conditions		
Smoke alarm signals	Pass	4.12
Repeatability	Pass	5.2
Directional dependence	Pass	5.3
Initial sensitivity	Pass	5.4
Air movement	Pass	5.5
Dazzling	Pass	5.6
Fire sensitivity	Pass	5.15
Sound output	Pass	5.17
Sounder durability	Pass	5.18
Operational Reliability		
Compliance	Pass	4.1
Individual alarm indicator	Pass	4.2
Means of calibration	Pass	4.5
User replaceable components	Pass	4.6
Normal power source	Pass	4.7
Standby power source	Pass	4.8
Electrical safety requirements	Pass	4.9
Routine test facility	Pass	4.10
Battery removal indication	Pass	4.13
Battery connections	Pass	4.14
Battery capacity	Pass	4.15
Protection against the ingress of foreign bodies	Pass	4.16

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Appendix 1 (continued)

Technical Specification		BS EN 14604:2005 / AC:2008
Essential Characteristics	Performance	Clause
Operational Reliability		
Marking and data	Pass	4.19
Impact	Pass	5.11
Battery fault warning	Pass	5.16
Battery reversal	Pass	5.22
Electrical safety requirements	Pass	5.24
Tolerance to supply voltage		
Variation in supply voltage	Pass	5.21
Durability of Operational Reliability		
Dry heat	Pass	5.7
Cold (operational)	Pass	5.8
Damp heat (operational)	Pass	5.9
Sulphur dioxide (SO ₂) corrosion	Pass	5.10
Vibration (operational)	Pass	5.12
Vibration (endurance)	Pass	5.13
Durability of Operational Reliability, Electrical Stability		
Electromagnetic compatibility (EMC), immunity (operational)	Pass	5.14

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