



In accordance with Construction Products Regulation EU No 305/2011

Declaration of Performance No: SGRS100

1 Product Type

Wireless Type A wall sounder

2 Models

20-SGRS100-ADV
20-SGRS100/W-ADV

3 Intended Use:

Fire detection and fire alarm systems – Indoor use

4 Produced by:

Advanced Electronics Ltd,
The Bridges,
Balliol Business Park,
Newcastle-Upon-Tyne.
NE12 8EW

In the manufacturing plant:
Argus Security Srl
Via del Canneto 14,
Valle delle Noghère,
34015 Muggia
Trieste
Italy

5 Authorised Representative

Halma Europe DS BV
J. Keplerweg 14
2408AC
Alphen aan Den Rijn
Netherlands

We, Advanced Electronics Ltd., have appointed Halma Europe DS BV by official mandate as our authorised representative within, and importer of products into, the European Union.

6 System of Assessment and verification of constancy of performance

System 1

7 Harmonised Standards

BRE Global Limited 0832 performed initial type testing and initial inspection of the manufacturing plant and factory production control, and performs continuous surveillance of the factory production control under system 1 and has issued a certificate of conformity 0832-CPD-1686 and LPCB certificate 928q-(cl-1) to:

EN 54-3:2001 +A1:2002 +A2:2006

EN 54-25:2008

8 European Technical Assessment

Not applicable

9 Declared Performance

Essential Characteristic	Performance	Harmonised technical specification
Performance under fire conditions	Pass	EN 54-3:2001 +A1:2002 +A2:2006 Clauses 4.2, 4.3, 5.2, 5.3
Operational reliability	Pass	EN 54-3:2001 +A1:2002 +A2:2006 Clauses 4.4, 4.5, 4.6, 5.4
Durability of operational reliability, temperature resistance	Pass	EN 54-3:2001 +A1:2002 +A2:2006 Clauses 5.5, 5.7, 5.8, 5.9
Durability of operational reliability, humidity resistance	Pass	EN 54-3:2001 +A1:2002 +A2:2006 Clauses 5.8, 5.9
Durability of operational reliability, corrosion resistance	Pass	EN 54-3:2001 +A1:2002 +A2:2006 Clause 5.11
Durability of operational reliability, shock and vibration resistance	Pass	EN 54-3:2001 +A1:2002 +A2:2006 Clauses 5.12 to 5.15
Durability of operational reliability, electrical stability	Pass	EN 54-3:2001 +A1:2002 +A2:2006 Clause 5.16
Durability of operational reliability, resistance to ingress	Pass	EN 54-3:2001 +A1:2002 +A2:2006 Clause 5.17
Performance parameters under fire conditions	Pass	EN 54-25:2008 Clauses 4.1, 4.2.2, 5.2, 8.3.7
Response delay (response time to fire)	Pass	EN 54-25:2008 Clauses 8.2.3, 8.2.6
Operational reliability	Pass	EN 54-25:2008 Clauses 4.2.1, 4.2.3 to 4.2.7, 5.3, 5.4, 6, 7, 8.2.2, 8.2.4, 8.2.5, 8.2.7 to 8.2.9, 8.3.1 to 8.3.6
Durability of operational reliability, temperature resistance	Pass	EN 54-25:2008 Clauses 8.3.9 to 8.3.11
Durability of operational reliability, vibration resistance	Pass	EN 54-25:2008 Clauses 8.3.16, 8.3.17 to 8.3.19
Durability of operational reliability, humidity resistance	Pass	EN 54-25:2008 Clauses 8.3.13, 8.3.14
Durability of operational reliability, corrosion resistance	Pass	EN 54-25:2008 Clause 8.3.15
Durability of operational reliability, electrical stability	Pass	EN 54-25:2008 Clause 8.3.20

10 Authority

The performance of the product(s) identified in points 1 and 2 is (are) in conformity with the declared performance detailed 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:
Mr Jayson Shepherd – Product Compliance Officer



01 January 2021