

# Certificate of constancy of performance

according to Regulation (EU) No. 305/2011



<b>Certificate No.:</b>	1008-CPR-MC 69266971 0001
<b>Report No.:</b>	HU23AU9T 001
<b>Applicant:</b>	<b>Shenzhen Ariza Electronic Co., Ltd</b> 201, Building B-1, Xinfu Industry Zone, Chongqing Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, P.R. China
<b>Manufacturer:</b>	<b>Shenzhen Ariza Electronic Co., Ltd</b> 201, Building B-1, Xinfu Industry Zone, Chongqing Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, P.R. China
<b>Manufacturing plant:</b>	<b>Shenzhen Ariza Electronic Co., Ltd</b> 201, Building B-1, Xinfu Industry Zone, Chongqing Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, P.R. China
<b>Product:</b>	<b>Photoelectric smoke alarms</b>
<b>Identification:</b>	<b>S100X-AA, S100X-AA-W(y+z)</b> <b>Smart photoelectric smoke alarms</b> Intended use: Fire safety  FPC Report No.: HU23EE8R 001 Test report No.: CN23E9M1 001
<b>System of assessment and verification:</b>	1
<b>Tested according to:</b>	EN 14604: 2005 EN 14604: 2005/ AC:2008

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performance described in Annex of the above standard(s) under above system are applied and the product fulfils all the prescribed requirements set out above.

This certificate was first issued on 2023-12-20 and it will remain valid until the test methods and/or factory production control requirements included in the standard, used to assess the performance of the declared characteristics, and the product, and the manufacturing conditions in the plant are unchanged. The manufacturing plant and factory production control system of the manufacturer is supervised regularly by the Certification Body.

**Date of issue:**  
Budapest, 2023-12-20



TÜV Rheinland InterCert Kft., Product Certification Body — H-1143 Budapest, Gizella út 51-57 — [www.tuv.com](http://www.tuv.com)  
Product certification body accredited by NAH under No NAH-6-0053/2023/K, Notified Body No. 1008

Validity of certificate can be checked on [www.CERTIPEDIA.com](http://www.CERTIPEDIA.com)

Essential characteristics	Performance	Harmonised technical specification
Operational reliability	Pass	EN 14604: 2005 EN 14604: 2005/ AC:2008
Repeatability	Pass	
Directional dependence	Pass	
Initial sensitivity	Pass	
Air movement	Pass	
Dazzling	Pass	
Dry heat (55±2°C, 2h)	Pass	
Cold (operational) (0±2°C, 2h)	Pass	
Damp heat (operational) (40±2°C, 93±3%, 96h)	Pass	
Sulphur dioxide (SO <sub>2</sub> ) corrosion (25 °C; 93 %; 25 ppm; 4 days)	Pass	
Impact (1,9±0,1 J; 1 time)	Pass	
Vibration (operational) (10 to 150 Hz; 5m/s <sup>2</sup> ; 3 axes)	Pass	
Vibration (endurance) (10 to 150 Hz; 10m/s <sup>2</sup> ; 3 axes)	Pass	
Electromagnetic Compatibility (EMC), Immunity tests (operational)	Pass	
Fire sensitivity (TF2; TF3; TF4; TF5)	Pass	
Battery fault warning	Pass	
Sound output	Pass	
Sounder durability	Pass	
Inter-connectable smoke alarms	Pass	
Alarm silence facility	Pass	
Variation in supply voltage	Pass	
Battery reversal	Pass	
Back-up power source	N/A	
Electrical safety	Pass	

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