

# Certificate of constancy of performance



according to Regulation (EU) No. 305/2011

**Certificate No.:** 1008-CPR-MC 69265752 0002

**Report No.:** HU21CF97 002

**Applicant:** Chongqing Zorro Alert Technology Co.,Ltd.  
Level 4, Building 5, No.16, Shigui Road, Jieshi Town, Ba'nan District, 401346 Chongqing, P.R. China

**Manufacturer:** Chongqing Zorro Alert Technology Co.,Ltd.  
Level 4, Building 5, No.16, Shigui Road, Jieshi Town, Ba'nan District, 401346 Chongqing, P.R. China

**Manufacturing plant:** Chongqing Zorro Alert Technology Co.,Ltd.  
Level 4, Building 5, No.16, Shigui Road, Jieshi Town, Ba'nan District, 401346 Chongqing, P.R. China

**Product:** Smoke alarm

**Identification:** ZR150S, ZR150SR, ZR150SW, ZR150SW-CB, ZR153SW-CB  
house hold Smoke Alarm  
Intended use: Fire Safety

**System of assessment and verification:** FPC Report No.: HU22XIUL 001  
Test Report No.: 60368728 001, 60368728 002  
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**Tested according to:** 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 ZA 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 2021-11-04 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.

Certification Body

**Date of issue:**

Budapest, 2022-11-29

A handwritten signature in black ink, appearing to read 'Kristof Kertesz'.

Kristof Kertesz

TÜV Rheinland InterCert Kft., Product Certification Body — H-1143 Budapest, Gizella út 51-57. — [www.tuv.com](http://www.tuv.com)  
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<br>EN 14604: 2005/AC:2008 |
| Repeatability  | Pass        |  |
| Directional dependence   | Pass        |  |
| Initial sensitivity  | Pass        |  |
| Air movement   | Pass        |  |
| Dazzling (45°, 90°)  | 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        |  |

**Certification Body**

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Kristof Kertesz