

# Certificate of constancy of performance



according to Regulation (EU) No. 305/2011

**Certificate No.:** 1008-CPR-MC 69265219 0003

**Report No.:** 28252535 004

**Applicant:** X-Sense Innovations Co., Ltd.  
B4-503-D, Tower B, Kexing Science Park, No. 15 Keyuan Road,  
Technology Park Community, Yuehai Avenue, Nanshan District,  
Shenzhen 518057 Guangdong P.R. China

**Manufacturer:** X-Sense Innovations Co., Ltd.  
B4-503-D, Tower B, Kexing Science Park, No. 15 Keyuan Road,  
Technology Park Community, Yuehai Avenue, Nanshan District,  
Shenzhen 518057 Guangdong P.R. China

**Manufacturing plant:** X-Sense Technology Co., Ltd.  
Room 1301, Tower A, Qiaode Technology Park, No. 7 Road,  
Guangming District, Shenzhen, 518000 Guangdong, P.R. China

**Product:** Smoke alarm

**Identification:** XS01, XS01-W, XS01-WR, XS01-WT, XS04P, XS04P-W, XS04P-WR, XS05, XS05-W, XS05-WR, XS04P-iWX, XS01-WX, XS01-M  
Household Smoke Alarm  
Intended use: Fire Safety

FPC Report No.: HU238CLF 001  
Test report: 50278789 005

**System of assessment and verification:** 1

**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 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 2021-03-16 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, 2023-05-22

Ferencne Schmidt

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-6-0053/2018/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%, 4 days)	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 (only for the model XS01-W, XS01-WR, XS01-WT, XS04P-W, XS04P-WR, XS05-W, XS05-WR; XS04P-iWX, XS01-M)	Pass	
Alarm silence facility	Pass	
Variation in supply voltage	Pass	
Battery reversal (for model XS01-WR, XS01-WT, XS04P-WR, XS05-WR, XS04P-iWX, XS01-WX, XS01-M)	Pass	
Back-up power source	N/A	
Electrical safety	Pass	

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