

Certificate of constancy of performance

according to Regulation (EU) No. 305/2011



Certificate No.: 1008-CPR-MC 69265219 0001

Report No.: 28252535 002

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, Guangdong Province, 518057, 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, Guangdong Province, 518057, China

Manufacturing plant: X-SENSE Technology Co., LTD.
Room 1301, Tower A, Qiaode technology park, NO.7
Road, Guangming District, Shenzhen, Guangdong Province,
518000, China

Product: Smoke alarm

Identification: XS01, XS01-W, XS01-WR, XS01-WT
Intended use: Household smoke detection

FPC Report No.: 28255218 001
Test Report: 50278789 001

System of assessment and verification: 1

Tested according to: 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 2021-03-16 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, 2021-03-16

Ferencne Schmidt

TÜV Rheinland InterCert Kft., Product Certification Body — H-1143 Budapest, Gizella út 51-57. — www.tuv.com
Notified Body No. 1008

Validity of certificate can be checked on www.CERTIPEDIA.com

Essential characteristics	Performance	Harmonised technical specification
Operational reliability	Pass	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 ₂) 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 ² ; 3 axes)	Pass	
Vibration (endurance) (10 to 150 Hz; 10m/s ² ; 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	
Variation in supply voltage	Pass	
Back-up power source	N/A	
Alarm silence facility	Pass	
Battery reversal	N/A	
Electrical safety	Pass	

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