

**DECLARATION OF PERFORMANCE**  
**No. CPR-ST-001**

1. Unique identification code of the product-type:  
Smoke / Heat Detectors, Model SD119
2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the CPR:  
Smoke / Heat Detectors  
Incl. SD119-2, SD119-2L, SD119-2H, SD119-2HL  
SD119-4(12V), SD119-4(24V), SD119-4H(12V), SD119-4H(24V)
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:  
Fire Safety
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):  
Ningbo Sentek Electronics Co.,Ltd.  
448 Yingchun Road, Wangchun Industrial Park, Ningbo City, China 315175  
Tel. +86-574-87155635  
Fax: +86-574-87155951  
Email: service@sentek.cc
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):  
Not applicable
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:  
System 1
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:  
  
**Intertek Testing & Certification Limited - 0905**  
**performed the initial type- testing for the relevant characteristics of the product, the initial inspection of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control under system 1 and issued the certificate of constancy of performance:**  
**0905-CPR-00210**
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:  
Not applicable
9. Declared performance

| <i>Table of performance for EN54-5:2000+A1:2002</i>   |                    |                                     |              |
|---|--------------------|-------------------------------------|--------------|
| <b>Harmonised technical specification</b>   |                    |                                     |              |
| <b>Essential characteristics</b>  | <b>Performance</b> | <b>Clauses</b>                      | <b>Notes</b> |
| Nominal activation conditions/Sensitivity, Response delay (response time) and Performance under fire conditions | Pass               | 4.2, 4.3, 5.2 to 5.6, 5.8, 6.1, 6.2 | a, b         |
| Operational reliability   | Pass               | 4.4 to 4.11                         | c            |
| Tolerance to supply voltage   | Pass               | 5.7                                 |              |
| Durability of operational reliability and response delay; temperature resistance                                | Pass               | 5.9, 5.10                           | a            |

|  |      |              |  |
|--|------|--------------|--|
| Durability of operational reliability; vibration resistance  | Pass | 5.14 to 5.17 |  |
| Durability of operational reliability; humidity resistance   | Pass | 5.11, 5.12   |  |
| Durability of operational reliability; corrosion resistance  | Pass | 5.13         |  |
| Durability of operational reliability; electrical stability  | Pass | 5.18         |  |
| <p><i>Notes:</i></p> <p><i>Applies to Models SD119-2H, SD119-2HL, SD119-4H(12V) and SD119-4H(24V) . These Models also have a declared performance relating to EN54-7:2000+A1:2002+A2:2006.</i></p> <p><i>a. Clauses 5.5 and 5.10 are not applicable to Class A1 and Class A2 detectors.</i></p> <p><i>b. Clauses 6.1 and 6.2 are only applicable to suffix S and suffix R detectors.</i></p> <p><i>c. The manufacturer declared that the SD119 range of detectors did not rely on software to fulfill the requirements of the standard; Clause 4.11 has therefore not been assessed.</i></p> |      |              |  |

| <b>Table of performance for EN54-7:2000+A1:2002+A2:2006</b>   |                    |                                    |              |
|---|--------------------|------------------------------------|--------------|
| <b>Harmonised technical specification</b>   |                    |                                    |              |
| <b>Essential characteristics</b>  | <b>Performance</b> | <b>Clauses</b>                     | <b>Notes</b> |
| Nominal activation conditions/Sensitivity, Response delay (response time) and Performance under fire conditions   | Pass               | 4.8, 5.2, 5.3, 5.4, 5.6, 5.7, 5.18 | a            |
| Operational reliability   | Pass               | 4.2 to 4.7, 4.9 to 4.11            | a            |
| Tolerance to supply voltage   | Pass               | 5.5                                |              |
| Durability of operational reliability and response delay; temperature resistance  | Pass               | 5.8, 5.9                           |              |
| Durability of operational reliability; vibration resistance   | Pass               | 5.13 to 5.16                       |              |
| Durability of operational reliability; humidity resistance  | Pass               | 5.10, 5.11                         |              |
| Durability of operational reliability; corrosion resistance   | Pass               | 5.12                               |              |
| Durability of operational reliability; electrical stability   | Pass               | 5.17                               |              |
| <p><i>Notes:</i></p> <p><i>Applies to Models SD119-2, SD119-2L, SD119-4(12V), SD119-4(24V), SD119-2H, SD119-2HL, SD119-4H(12V) and SD119-4H(24V). Models SD119-2H, SD119-2HL, SD119-4H(12V) and SD119-4H(24V) also have a declared performance relating to EN54-5:2000+A1:2002.</i></p> <p><i>a. The manufacturer declared that the SD119 range of detectors did not rely on software to fulfill the requirements of the standard; Clauses 4.8 and 4.11 have therefore not been assessed.</i></p> |                    |                                    |              |

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance 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:

.....Peilin Jiang General Manager.....  
(name and function)

.....Ningbo.....31 December 2020.....  
(place and date of issue)

*Peilin*  
.....  
(signature)