

# Certificate of Constancy of Performance

## 0359-CPR-00418



In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation), this certificate applies to the construction product(s).

**Product(s):** **Photoelectric Smoke Alarm with Radio Interconnect**  
(refer to attached appendix for details and conditions)

**Produced by or for:** **Cooper Security Limited**  
Security House, Vantage Point Business Village, Mitcheldean, GL17 0SZ,  
United Kingdom

**Produced in the manufacturing plant(s):** **Digital Lighting (Dongguan) Co. Ltd (DIGLIGCN.01)**  
Xin Min Road, Xin Min District, Changan Town, 523879, Dongguan City,  
Guangdong Province, China

**Intended use:** **Fire Safety**

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard(s):

**EN14604:2005+AC:2008**  
Smoke alarm devices

Under system 1 are applied and that the product(s) fulfils all the prescribed requirements set out above.

This certificate was first issued on **05/09/2014** and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly, unless suspended or withdrawn by the product certification body. A review of the product(s) and compliant standard(s) will be carried out after 5 years to ensure continued compliance.

**Notified Body**  
**0359**

Intertek Testing & Certification Limited  
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Daniel Griffin  
**Certification Manager**



Date	05/09/2014
Issue	1
Re-Issue	05/09/2019

[www.intertek.com](http://www.intertek.com)

Registered No 3272281 Academy Place, 1-9 Brook Street, Brentwood, Essex,  
CM14 5NQ, United Kingdom

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# Certificate of Constancy of Performance



## 0359-CPR-00418

### Appendix to Certificate of Constancy of Performance 0359-CPR-00418

The details and condition of use for the Photoelectric Smoke Alarm with Radio Interconnect placed on the market by:

#### Cooper Security Limited

Security House, Vantage Point Business Village, Mitcheldean, GL17 0SZ, United Kingdom

To be used in accordance with the supplier's installation instructions and in conjunction with the following bases, ancillaries, sounder tones and sensitivity settings (*where applicable*):

#### Products compliant with EN14604:2005+AC:2008:

Part Number	Manufacturing Location	Description
DET-RSMOKE	DIGLIGCN.01	Photoelectric Smoke Alarm with Radio Interconnect

#### Conditions of use:

Suitable for indoor applications

#### Batteries:

3 x 1.5V alkaline AA batteries, as listed below:

Manufacturer	Model No.
Duracell Procell	MN1500
Eveready Energiser	E91

#### General Notes:

1. Evaluated under Intertek project number 101377543.
2. No CE or other type approval is made or inferred outside of the attestation of conformity and the product performance as stipulated on this certificate.
3. Radio frequency capabilities of smoke alarms are outside the scope of EN14604:2005+AC:2008; the radio link function of the DET-RSMOKE smoke alarm is therefore not covered by this approval.

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Issue 1

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### Appendix to Certificate of Constancy of Performance 0359-CPR-00418 (continued)

<i>Table of performance for EN14604:2005+AC:2008</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	4.12, 4.18, 5.2, 5.3, 5.4, 5.5, 5.6, 5.15, 5.17, 5.18, 5.19, 5.20	1, 2, 3
Operational reliability	Pass	4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9, 4.10, 4.11, 4.13, 4.14, 4.15, 4.16, 4.17, 4.19, 5.11, 5.16, 5.22, 5.23, 5.24	4, 5, 6
Tolerance to supply voltage	Pass	5.21	
Durability of operational reliability and response delay; temperature resistance	Pass	5.7, 5.8	
Durability of operational reliability; vibration resistance	Pass	5.12, 5.13	
Durability of operational reliability; humidity resistance	Pass	5.9	
Durability of operational reliability; corrosion resistance	Pass	5.10	
Durability of operational reliability; electrical stability	Pass	5.14	4, 7
<b>Notes:</b>			
<ol style="list-style-type: none"><li><i>The products covered by this standard are assumed to operate, in an event of fire, before the fire becomes so large as to affect their functioning. There is therefore no requirement to function when exposed to direct attack from fire.</i></li><li><i>Clauses 4.18 and 5.19 are only applicable for smoke alarms that have a wired interconnection to other smoke alarms; an assessment to these clauses was therefore not performed.</i></li><li><i>Clause 5.20 is only applicable for smoke alarms with an alarm silence facility; an assessment to this clause was therefore not performed.</i></li><li><i>Clauses 4.3, 4.8, 5.14a and 5.23 are not applicable for battery powered smoke alarms; an assessment to these clauses was therefore not performed.</i></li><li><i>Clause 4.4 is only applicable for smoke alarms that provide for connection to external ancillary devices; an assessment to this clause was therefore not performed.</i></li><li><i>Clause 4.11 is only applicable for smoke alarms that have external connections; an assessment to this clause was therefore not performed.</i></li><li><i>Clauses 5.14d, 5.14e and 5.14f are only applicable if cables are connected to the smoke alarm; an assessment to these clauses was therefore not performed.</i></li></ol>			

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