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# Certificate of Constancy of Performance 0359-CPR-00183

Issue 2



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

Product(s): C-Tec ActiV Conventional Range of Fire Detectors

(refer to attached appendix for details and conditions)

Produced by or for: Computionics Limited (Trading as C-Tec)
Challenge Way, Martland Park, Wigan, WN5 0LD

Produced in the Computionics Limited (Trading as C-Tec) manufacturing plant(s): Challenge Way, Martland Park, Wigan, WN5 0LD

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

EN54-5:2000 + A1:2002

Fire detection and fire alarm systems - Heat detectors - Point detectors

EN54-7:2000 + A1:2002 + A2:2006

Fire detection and fire alarm systems - Smoke detectors - Point detectors using scattered light, transmitted light or ionization

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

This certificate was first issued on **14 May 2013** 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

## Notified Body 0359

Intertek Testing & Certification Limited Cleeve Road, Leatherhead Surrey, KT22 7SB

Tel: + 44 (0)1372 370900 Fax: +44 (0)1372 370977 Certification Manager Gordo

Date

28 August 2013

www.intertek.com

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

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### Appendix to Certificate of Constancy of Performance 0359-CPR-00183

The details and condition of use for the C-Tec ActiV Conventional Range of Fire Detectors, placed on the market by:

### Computionics Limited (Trading as C-Tec)

Challenge Way, Martland Park, Wigan, WN5 0LD

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 EN54-5:2000 + A1:2002:

Variant	Description
C4403A1R	ActiV Conventional Class A1R rate of rise heat detector
C4403A2	ActiV Conventional Class A2 fixed temperature heat detector
C4403B	ActiV Conventional Class B fixed temperature heat detector
C4414	ActiV Conventional multisensor fire detector

Class A2 heat detection

### Products compliant with EN54-7:2000 + A1:2002 + A2:2006:

Variant Description

C4416 ActiV Conventional optical smoke detector

Standard optical sensitivity

C4414 ActiV Conventional multisensor fire detector

Low optical sensitivity with Class A2 heat enhancement

Bases:

Variant Description

C4408 ActiV Conventional detector base
C4408D ActiV Conventional diode detector base

### Conditions of use;

Suitable for indoor applications

### **General Notes:**

- 1. Tested under Intertek project number 100742793.
- 2. <u>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.</u>

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### Appendix to Certificate of Constancy of Performance 0359-CPR-00183 (continued)

Table of performance for EN54-5:2000 + A1:2002						
Harmonised technical specification Essential characteristics	Performance	Requirement clauses in this European standard				
		Clauses in EN54-5 2000 + A1:2002	Notes			
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	Clause 6.2 applies to C4403A1R only			
Operational reliability	Pass	4.4 to 4.11				
Tolerance of supply voltage	Pass	5.7				
Durability of operational reliability (temperature resistance)	Pass	5.9, 5.10				
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				

Note: ActiV detector model number C4414 (Multisensor Fire Detector) also has a declared performance relating to EN54-7:2000 + A1:2002 + A2:2006

Essential characteristics	Performance	Requirement clauses in this European standard	
		Clauses in EN54-7 2000 + A1:2002 + A2:2006	Notes
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	
Operational reliability	Pass	4.2 to 4.7, 4.9 to 4.11	
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	

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EN54-5:2000 + A1:2002

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