



**Construction Products Regulation:
305/2011**

**DECLARATION OF PERFORMANCE
No. 0359-CPR-00011**

1. Unique identification code of the product-type:

XPA-HT-11171-APO

To be used in conjunction with XPA-WB-10022-APO Wireless Detector Base

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:

XPander Class CS Heat Detector XPA-HT-11171-APO

Each individual product is identified with a label containing a production date code with build standard number

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

Fire detection and fire alarm systems

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

**Apollo Fire Detectors Ltd,
36 Brookside Road, Havant, Hampshire, PO9 1JR**

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

**Apollo Fire Detectors Ltd,
36 Brookside Road, Havant, Hampshire, PO9 1JR**

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 harmonized standard:

Intertek (Notified Body 0359) has performed type testing of the product, initial inspection of the manufacturing plant and of factory production control with continuous surveillance, assessment and evaluation of factory production control under system 1 and issued the following Certificate of Constancy of Performance:

0359-CPR-00011

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

Essential Characteristics	Standard EN 54-5: 2001 + A1:2002	Performance
Nominal activation conditions/Sensitivity. Response delay (response time) and Performance under fire conditions	4.2, 4.3, 5.2 to 5.6,5.8,6.1,6.2	Pass
Operational reliability	4.4 to 4.11	Pass
Tolerance to supply voltage	5.7	Pass
Durability of operational reliability and response delay: temperature resistance	5.9,5.10	Pass
Durability of operational reliability: vibration resistance	5.14 to 5.17	Pass
Durability of operational reliability: humidity resistance	5.11, 5.12	Pass
Durability of operational reliability: corrosion resistance	5.13	Pass
Durability of operational reliability: electrical resistance	5.18	Pass

The performance of the product identified above is in conformity with the performance and essential characteristics declared within this certificate. The declaration of performance is issued under the sole responsibility of Apollo Fire Detectors Limited.

Signed for and on behalf of Apollo Fire Detectors Limited by:



Mr. Steve Brown
Managing Director

Place and Date of Issue: Havant – **16 November 2015**

Declaration of Performance No. 0359-CPR-0037 REV 01

Declaration of Performance according to the Construction Products Regulation EU No. 305/2011

1. Unique identification code of the product type	Model(s): XPA-WB-10022-APO Brand(s): XPander
2. Type, batch, or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4)	Each individual product is identified with a label containing a unique serial number.
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer	Fire detection and fire alarm systems – Components using radio links EN54-25
4. Name, registered trade name, or registered trade mark and contact address of the manufacturer as required pursuant Article 11(5)	EMS Security Group Limited Technology House, Sea Street, Herne Bay, Kent, CT6 8JZ
5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2)	EMS Security Group Limited Technology House, Sea Street, Herne Bay, Kent, CT6 8JZ.
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V	System 1
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard	Intertek – 0359; performed type testing and the initial inspection of the manufacturing plant and of the factory production control with continuous surveillance assessment and approval of the factory production control under system 1 and issued an EC certificate of conformity. 0359-CPR-0037
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:	Not applicable, see point 7

9. Declared performance: All requirements including all Essential Characteristics and the corresponding performances for the intended use or uses indicated in point 3 above have been determined as described in the harmonised technical: EN 54-25: 2008 mentioned in the table(s) below.

Fire detection and fire alarm systems – Components using radio links EN54-25

Essential characteristics	Performance	Requirement clauses in this European standard
Performance parameters under fire conditions	PASS	4.1, 4.2.2, 5.2, 8.3.7 (see note a)
Response delay (response time to fire)	PASS	8.2.3, 8.2.6 (see note a)
Operational reliability	PASS	4.2.1, 4.2.3 to 4.2.7, 5.3, 5.4, 6, 7, 8.2.2, 8.2.4, 8.2.5, 8.2.7, 8.2.8 ^b , 8.2.9, 8.3.1, 8.3.2, 8.3.3, 8.3.5, 8.3.6
Durability of operational reliability, Temperature resistance	PASS	8.3.9 ^c , 8.3.10 ^c , 8.3.11
Durability of operational reliability, Vibration resistance	PASS	8.3.16 ^c , 8.3.17 to 8.3.19
Durability of operational reliability, Humidity resistance	PASS	8.3.12 ^d , 8.3.13 ^e , 8.3.14
Durability of operational reliability, Corrosion resistance	PASS	8.3.15 ^c
Durability of operational reliability, Electrical stability	PASS	8.3.20
<p>a The products covered by this standard are assumed to enter the alarm condition, in an event of fire, before the fire becomes so large as to affect their functioning. There is no requirement to function when exposed to direct attack from fire.</p> <p>b Only applicable to components required to indicate loss of communication or to transmit this information to the CIE.</p> <p>c Not applicable for CIE.</p> <p>d Not applicable for CIE and smoke detectors.</p> <p>e Only applicable for CIE and smoke detectors.</p>		

10. The performance of the product identified in items 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 by: Terry Kennedy
Technical Compliance Manager




Signed by: Dr. Robert Dudley
Product and Compliance Director



Location: EMS Security Group Limited,
Technology House, Sea Street,
Herne Bay, Kent, CT6 8JZ, U.K.

Date: 1st July 2013

Regulation (EU) No. 305/2011 CPR Supplementary CE marking information

Identification of the Certification Body: 0359
Manufacturer: EMS Security Group Limited, Technology House, Sea Street, Herne Bay, Kent, CT6 8JZ, U.K.
Last two digits of year CE mark was first placed: 07
Declaration of Performance (DoP) Number: 0359-CPR-0037 REV 01
EN 54-25:2008
Unique identification of product type: See the product label for the product documentation part number and revision.
Intended use: See DoP point 3.
Essential characteristics: See DoP point 9.