

# **CPR - DECLARATION of PERFORMANCE**

**N° TU0110CPR (Conformity EU 305/2011)**

1. Unique identification code of the product type:

**ATW510A**

**Advantronic Systems, SL**

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:

**ATW510A BI-DIRECTIONAL WIRELESS ADDRESSABLE DUAL PATH OPTICAL SMOKE  
DETECTOR WITH VARIABLE SENSITIVITY**

Operating Frequency Band: 868 MHz; 916 MHz

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

**For use in compatible fire detection and alarm system**

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

**ADVANTRONIC SYSTEMS SL**

**C/ Yunque, 9 Nave B1**

**28760 – Tres Cantos – Madrid - Spain**

**advantronic@advantronic.es**

**www.advantronic.es**

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

**N/A**

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 harmonized standard:

**EN 54-7:2000 + A1:2002+A2:2006**

**EN 54-25:2008 + AC :2012**

**IMQ S.p.A., N.B. No. 0051, performed the necessary initial inspection of the manufacturing plant and the factory production control together with ongoing continuous surveillance and issued the following certificates confirming constancy of the conformity of the factory production control**

ATW510A

0051-CPR-2356

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

**N/A**

9. Declared performance:

Nominal activation conditions / Sensitivity, Response delay (response time) and Performance under fire conditions	4.8, 5.2, 5.3, 5.4, 5.6, 5.7, 5.18	PASS	EN 54-7:2000+ A1:2002+A2:2006
Operational reliability	4.2 to 4.7, 4.9 to 4.11	PASS	
Tolerance to supply voltage	5.5	PASS	
Durability of operational reliability and response delay; temperature resistance	5.8, 5.9	PASS	
Durability of operational reliability; vibration resistance	5.13 to 5.16	PASS	
Durability of operational reliability; humidity resistance	5.10, 5.11	PASS	
Durability of operational reliability; corrosion resistance	5.12	PASS	
Durability of operational reliability; electrical stability	5.17	PASS	

ESSENTIAL CHARACTERISTICS	CLAUSE APPLICABLE	PERFORMANCE	HARMONISED STANDARD
Performance parameters under fire conditions	4.1, 4.2.2, 5.2, 8.3.7	PASS	EN 54-25:2008 + AC:2012
Response delay (response time to fire)	8.2.3, 8.2.6	PASS	
Operational reliability	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, 8.2.9, 8.3.1, 8.3.2, 8.3.3, 8.3.4, 8.3.5, 8.3.6	PASS	
Durability of operational reliability, temperature resistance	8.3.9, 8.3.10, 8.3.11	PASS	
Durability of operational reliability, vibration resistance	8.3.16, 8.3.17 to 8.3.19	PASS	
Durability of operational reliability, humidity resistance	8.3.13, 8.3.14	PASS	
Durability of operational reliability, corrosion resistance	8.3.15	PASS	
Durability of operational reliability, electrical stability	8.3.20	PASS	

10. The performance of the products identified in points 1 and 2 are in conformity with the declared performance in the point 9. This declaration is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Andrés Martínez – General Manager – Tres Cantos – Madrid - Spain

Tres Cantos, 01 April 2021



**Andrés Martínez**  
General Manager