

DoP - DECLARATION of PERFORMANCE

N° HF-20-040CPR (Conformity EU 305/2011)

1. Unique identification code of the product type:

TAU-OP-01 & TAU-OP-01/BL

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:

**TAU-OP-01 TAURUS BI-DIRECTIONAL WIRELESS ADDRESSABLE DUAL PATH OPTICAL SMOKE DETECTOR
WITH VARIABLE SENSITIVITY**

**TAU-OP-01 TAURUS BI-DIRECTIONAL WIRELESS ADDRESSABLE DUAL PATH OPTICAL SMOKE DETECTOR
WITH VARIABLE SENSITIVITY (Black)
Operating Frequency Band: 868 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 trademark and contact address of the manufacturer as required under article 11(5):

**Hyfire Wireless Fire Solutions Ltd
Unit B12a, Holly Farm Business Park
Honiley, Warwickshire
CV8 1NP, UK
sales@hyfirewireless.co.uk www.hyfirewireless.com**

5. Where applicable, name and contact address of the authorized 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 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

TAU-OP-01 & TAU-OP-01/BL: 0051-CPR-2593

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

DBI Certification UK Ltd., No. 8504

TAU-OP-01 & TAU-OP-01/BL: 8504-UKCA-CPR-UKCSP10149

9. Declared performance:

ESSENTIAL CHARACTERISTICS	CLAUSE APPLICABLE	PERFORMANCE	HARMONISED STANDARD
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:

Signature 

Tom Crane – Business Unit Director – Hyfire Wireless Fire Solutions Ltd.
Honiley UK, 04 January 2023