

## Construction Products Regulations (305/2011/EU – CPR)

### Declaration of Performance – 25993\_00

**1. Product: Xtralis OSID**

**2. Product Type:**

allowing identification of the construction product as required pursuant to Article 11(4)

Models:

<i>OSI-10</i>	<i>Imager - 7° horizontal FOV</i>
<i>OSI-45</i>	<i>Imager - 38° horizontal FOV</i>
<i>OSI-90</i>	<i>Imager - 80° horizontal FOV</i>
<i>OSE-SP</i>	<i>Emitter - Standard Power, Battery</i>
<i>OSE-SP-01</i>	<i>Emitter – Standard Power, Alkaline Battery</i>
<i>OSE-SPW</i>	<i>Emitter - Standard Power, Wired</i>
<i>OSE-HPW</i>	<i>Emitter - High Power, Wired</i>

**3. Intended use:**

Line smoke detectors using an optical light beam for use in fire detection systems installed in buildings

**4. Manufacturer:**

*Xtralis Pty Ltd  
4 North Drive, Virginia Park  
236-262 East Boundary Road  
Bentleigh East  
Victoria 3165  
Australia*

**5. European address:**

*Xtralis UK Ltd  
Peoplebuilding  
Ground Floor  
Maylands Avenue  
Hemel Hempstead  
Herts HP2 4NW*

**6. System of assessment: System 1**

**7. The products are certified to the relevant harmonised standard(s) by:**

AFNOR  
11, rue Francis de Pressensé  
93571 La Plaine Saint-Denis Cedex

Notified Body Number: 0333

who have performed product type tests, initial inspection and subsequent surveillance of factory production control under system 1 and have issued the following certificates:

- EC Certificate of Conformity Number: 0333-CPD-075387 (Australia or Malaysia)

**8. European Technical Assessment(s):** Not relevant

**9. Declared Performance:** See next page

**10. Declaration:**

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

**Signed for and on behalf of the manufacturer**

Name: Samir Samhouri

Position: CEO

Signature:



Date: June 27, 2013

**For line type smoke detectors using an optical light beam**

Harmonised Technical Specification		EN 54-12:2002
Essential characteristics	Performance	Clause
Nominal activation conditions/sensitivity:		
Onsite adjustment of response threshold value	<i>pass</i>	4.5
Limit of compensation	<i>pass</i>	4.8
Fault signaling	<i>pass</i>	4.10
Reproducibility	<i>pass</i>	5.2
Repeatability	<i>pass</i>	5.3
Directional dependence	<i>pass</i>	5.4
Rapid changes in attenuation	<i>pass</i>	5.6
Slow changes in attenuation	<i>pass</i>	5.7
Optical path length dependence	<i>pass</i>	5.8
Fire sensitivity	<i>pass</i>	5.9
Stray light	<i>pass</i>	5.10
Operational reliability:		
Connection of ancillary devices	<i>pass</i>	4.3
Manufacturer's adjustments	<i>pass</i>	4.4
Protection against the ingress of foreign bodies	<i>pass</i>	4.6
Monitoring of detachable detectors and connections	<i>pass</i>	4.7
Software controlled detectors	<i>pass</i>	4.9
Electromagnetic compatibility (EMC), immunity	<i>pass</i>	5.16
Impact (operational)	<i>pass</i>	5.18
Tolerance to supply Voltage:		
Variation in supply parameters	<i>pass</i>	5.5
Performance under Fire conditions		
Individual alarm indication	<i>pass</i>	4.2
Durability of operational reliability:		
Temperature resistance:		
Dry heat (operational)	<i>pass</i>	5.11
Cold (operational)	<i>pass</i>	5.12
Vibration resistance		
Vibration (endurance)	<i>pass</i>	5.15
Humidity resistance:		
Damp heat, steady state (operational)	<i>pass</i>	5.13
Damp heat, steady state (endurance)	<i>pass</i>	5.14
Corrosion resistance:		
SO2 corrosion (endurance)	<i>pass</i>	5.17