



# Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
<b>afp - 2434</b>	20-Aug-2010	Number 11	Issue date 26-Apr-2019	30-Apr-2020

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## Product designation

**XTRALIS ICAM, IAS Series, aspirated smoke detector**

(Refer to the Schedule/enclosures for further specified details)

## Agent/distributor

Xtralis Pty Ltd  
1048 Beaudesert Road, COOPERS PLAIN, QLD, AUSTRALIA, 4108

## Registrant

Xtralis Pty Ltd  
4 North Drive, Virginia Park, 236-262 East Boundary Road, BENTLEIGH EAST, VIC, AUSTRALIA, 3165

### Producer

Xtralis ICAM  
Spring Gardens, London Road, Washington, WEST SUSSEX, UNITED KINGDOM, RH20 3BS

## Conformance criteria and evaluation

The XTRALIS ICAM, IAS Series, aspirated smoke detector has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS 1603.8-1996, 'Automatic fire detection and alarm systems - Multi-point aspirated smoke detectors'.

## Limitations/conditions of conformance

Limitations/conditions of conformance, where identified on this certificate, are derived from qualifications from evaluation(s) for conformity and/or other related technical documentation. All details with respect to design, assembly and installation instructions and restrictions should be checked against the producer's current technical manual/data sheets and the requirements of the Authority having Jurisdiction.

Specified limitations/conditions, determined from the evaluation for conformity, include the following.

- i. The equipment is installed in indoor dry environments,
- ii. The equipment is installed and maintained as recommended by product guide doc 14942\_03 (dated February 2010),
- iii. Installed equipment and systems shall include design parameters specified in Section 9 of the product guide.
- iv. When used in conjunction with Hochiki, Model ALG-AS smoke detectors connected to Firenet CIE running operating software version V2.8-6FS, the label is removed from the front cover of the IAS (to enable visibility of the alarm indicators on the Hochiki detectors), and the alarm test facility on the Firenet CIE is used to provide the alarm test facility for the equipment,

(Limitations/conditions of conformance continue)

Issued by

David Whittaker  
Executive Officer – ActivFire Scheme



# Schedule to Certificate of Conformity

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- v. When used in conjunction with Tyco MX model 814PH smoke detectors connected to a Tyco MX4428 CIE, the label is removed from the front cover of the IAS (to enable visibility of the alarm indicators on the Tyco detectors), and the alarm test facility on the Tyco MX4428 CIE is used to provide the alarm test facility for the device,
- vi. When used in conjunction with Notifier model FSP-851AUS smoke detectors connected to a Notifier AFP 2800 CIE operating software version V5.03, the alarm test facility on the Notifier AFP 2800 CIE is used to provide the alarm test facility for the equipment.
- vii. Compatibility of this equipment with new or existing actuating devices should be verified prior to installation.
- viii. Compatibility of this fire detector and its base assembly with new or existing control and indicating equipment should be verified prior to installation.

## Producer's description

The XTRALIS ICAM, IAS Series, aspirated smoke detector, is available in two (2) models; the IAS-1 and the IAS-2.

### Model IAS-1

The IAS-1 is a high sensitivity air-sampling smoke detector, with provision for a point-type smoke detector which monitors a single sampling pipe run. The IAS-1 system actively draws air from the protected area through sampling holes in a pipe network. Sampled air is then filtered before being analysed by point type smoke detectors.

### Model IAS-2

The IAS-2 is a high sensitivity air-sampling smoke detector, with provision for two separate point-type smoke detectors, each monitoring a separate sampling pipe run. The IAS-2 equipment actively draws air from the protected area through sampling holes in a pipe network. Sampled air is then filtered before being analysed by point type smoke detectors.

### Models IAS-1 and IAS-2

The system utilizes an aspirator and software configurable flow monitoring circuitry. Air flow is displayed on a ten element bar graph that can be adjusted for high and low flow thresholds, and flow failure is reported as a device fault via dedicated fault relays.

Both models in the XTRALIS ICAM IAS series are designed to use the following other equipment manufacturer (OEM) point type smoke detectors as its sensor:

- Hochiki model ALG-AS point type smoke detector
- Notifier model FSP-851AUS smoke detector,
- Tyco MX model 814PH smoke detector.

## Technical specification

The following details are a representative extract of the technical specification for the XTRALIS ICAM, IAS Series, aspirated smoke detector and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

Evaluated/verified sensing device and CIE combinations

Sensing device	CIE	comment
Hochiki, Model ALG-AS	Fire & Safety, Model FireNet	operating software version V2.8-6FS
Tyco MX model 814PH	Tyco MX4428	
Notifier model FSP-851AUS	Notifier Inertia AFP 2800	operating software version V5.03

## Supplementary information

etails of the PCB's fitted to XTRALIS ICAM, IAS Series, aspirated smoke detector are as follows:

PCB	Name	PCB Reference
i535	Dual laser ASD – controller Issue 11	Drg. Filename PCX112R.SCM 6/10/2008
i536	Dual laser ASD Display Issue 9	PC113J 07/10/2008 Drg Filename PC113J.SCM