



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 3915	12-Sep-2024	Number 3	Issue date 16-Apr-2026	30-Apr-2027
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Product designation

Wisualarm, Model DHI-HY-SA2FA, 3 Vdc replaceable lithium-battery powered, silencing/test facility, photoelectric smoke alarm

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

Agent/distributor

Dahua Technology Australia Pty Ltd
S1.02/5, Lakeside Drive, Burwood East, VIC, AUSTRALIA, 3151

Registrant

Wisualarm
1-3/F, Building A2, No. 28 Dongqiao Road, Dongzhou Street, Fuyang District, HANGZHOU, Zhejiang, CHINA, 311400

Producer

Wisualarm
1-3/F, Building A2, No. 28 Dongqiao Road, Dongzhou Street, Fuyang District, HANGZHOU, Zhejiang, CHINA, 311400

Conformance criteria and evaluation

The Wisualarm, Model DHI-HY-SA2FA, 3 Vdc replaceable lithium-battery powered, silencing/test facility, photoelectric smoke alarm has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS 3786:2014, 'Smoke alarms using scattered light, transmitted light or ionization' incl. Amdt 1 (27 August 2015) / Amdt 2 (30 October 2018).

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. Conformity of the "Wisualarm" application, as described in the WiFi Smoke Alarm User's Manual, is not included within the scope of this certification.

This certification is issued within the scope of CSIRO Verification Services – Rules governing ActivFire Scheme and is valid only for the product(s) as submitted for evaluation and verification of conformity, subject to the following conditions.

- Reference to details, limitations and requirements, where documented as a schedule/enclosure with this certificate.
- The Registrant is responsible for their attestation of conformity and ensuring that on-going production complies with the conformance criteria defined in this certificate.
- This certificate will not be valid if any changes or modifications are made to the product which have not been notified and validated by CSIRO Verification Services.
- This certificate is subject to periodical re-validation upon verification that all requirements, as determined by the conformity assessment body, continue to be satisfactorily met by the Registrant.
- This certificate may only be reproduced in its published form, without modification and inclusive of all schedules/enclosures.
- Any changes, errors or omissions, must be submitted in writing and if necessary or requested, substantiated with relevant evidence.
- Any representations, such as advertising or other marketing related activities or articles shall reflect the correct contents of this certificate and conform with all relevant trade practices and consumer protection legislation and regulations.
- Any terms or conditions of use as applicable to content and documentation as published or accessed through web sites administered by the CSIRO Verification Services.

Issued by

Kaj Loh
Executive Officer – ActivFire Scheme



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Producer's description

The WisuAlarm, Model DHI-HY-SA2FA, 3 Vdc replaceable lithium-battery powered, silencing/test facility, photoelectric smoke alarm is a low profile, 3 Vdc self-contained photoelectric smoke alarm intended for use in residential dwellings. The power supply of the smoke alarm is an internal 3 Vdc 10-year lithium battery which is user replaceable.

An electric buzzer/horn provides an audible alarm signal when the smoke alarm senses smoke which exceeds a predetermined level. When the smoke level drops below the alarm level, the buzzer/horn is de-energised.

A self-test facility is provided by means of a button. If the button is depressed an alarm signal is emitted.

The WisuAlarm, Model DHI-HY-SA2FA, 3 Vdc replaceable lithium-battery powered, silencing/test facility, photoelectric smoke alarm also incorporates a 'hush button' feature. The hush button reduces the smoke sensitivity of the smoke alarm for approximately 12 minutes, at which time the smoke alarm automatically returns to normal operation.

The WisuAlarm Model DHI-HY-SA2FA smoke alarm does not have interconnection facility.

The WisuAlarm, Model DHI-HY-SA2FA, 3 Vdc replaceable lithium-battery powered, silencing/test facility, photoelectric smoke alarm is circular in shape. It is approximately 98 mm in diameter with a height of 43 mm.

Technical specification

The following details are a representative extract of the technical specification for the WisuAlarm, Model DHI-HY-SA2FA, 3 Vdc replaceable lithium-battery powered, silencing/test facility, photoelectric smoke alarm and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

Schedule of variant designations

The following is a schedule of validated variant designations of the certified/listed equipment.

Variant		Description
Type	Ident.	
Model	DHI-HY-SA2FA	3 Vdc replaceable lithium-battery powered, silencing/test facility, photoelectric smoke alarm with no interconnection capabilities

Schedule of properties/characteristics

The following schedule is an extract of physical and operational properties/characteristics of the certified/listed equipment.

Smoke sensing type:	Type A Photoelectric
Main power source:	3 Vdc lithium battery (replaceable and not rechargeable)
Battery list:	EVE CR123A, PAIRDEER CR123A, RAMWAY CR123A, LISUN CR123A, HCB CR123A
Software version:	V1.0
Interconnectivity:	Not available
Operating temperature range:	0 °C to 40 °C
Operating humidity range:	0% to 93% RH
Alarm sound level:	85 dB at 3 metres minimum
Alarm condition:	Audible signal pattern (ISO 7731)
Silencing function:	Yes
Dimensions:	Ø98 mm × 43 mm (h)
Fixing method:	Screw fixing
Mounting method:	Ceiling only

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Supplementary information

Schedule of relevant articles

The following schedule is an extract of articles significant and/or related as evidence of conformity.

Reference		Title / description	Date issued (or date validated)	Source
Ident. type	Ident.			
Report	XF3620/R1a	Evaluation for Conformity of the Wisualarm Models DHI-HY-SA2FA, DHI-HY-SA30A and DHI-HY-SA30A-R9 Photoelectric Smoke Alarms to the requirements of AS 3786-2014 +A1 +A2	12-Sep-2024	CSIRO Fire Systems Laboratory, AU
Document	User Manual_DHI-HY-SA2FA_Aug 15.pdf	Dahua Technology WisuAlarm User's Manual DHI-HY-SA2FA T2 00437108 V 1.0.0 WIFI Smoke Alarm Model: FP980W6PK User Manual_DHI-HY-SA2FA_Aug 15.pdf	15-Aug-2024	Zhejiang Huaxiao Technology Co., Ltd. (Wisualarm), CN