



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 3975	29-Aug-2025	Number 1	Issue date 1-Sep-2025	30-Apr-2027

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Product designation

WisuAlarm, DHI-HY-SA40 series, 3 Vdc 10 year non-replaceable battery powered, hush 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, DHI-HY-SA40 series, 3 Vdc 10 year non-replaceable battery powered, hush 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.

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

Kai Loh

Executive Officer – ActivFire Scheme



Schedule to Certificate of Conformity

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Producer's description

The WisuAlarm, DHI-HY-SA40 series, 3 Vdc 10 year non-replaceable battery powered, hush facility, photoelectric smoke alarm are a low profile, circular styled, 3 Vdc self-contained smoke alarm intended for use in residential dwellings.

This equipment senses smoke using photoelectric principle. 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.

A 'silence button' feature is also incorporated. Pressing the hush button silences the smoke alarm. The smoke alarm will be silent for approximately 9 minutes, at which time the smoke alarm automatically returns to normal operation.

Each model is similar except for the interconnect ability and the outer cover of the smoke alarm.

Technical specification

The following details are a representative extract of the technical specification for the WisuAlarm, DHI-HY-SA40 series, 3 Vdc 10 year non-replaceable battery powered, hush 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-SA40A-R9	3 Vdc, 10 years sealed (non-replaceable) lithium battery powered, silencing/hush facility, extended temperature range, photoelectric smoke alarms with wireless interconnect and varying top outer covers.
	DHI-HY-SA40D-R9	
	DHI-HY-SA40E-R9	
	DHI-HY-SA40A	3 Vdc, 10 years sealed (non-replaceable) lithium battery powered, silencing/hush facility, extended temperature range, photoelectric smoke alarms with no interconnect capabilities and varying top outer covers.
	DHI-HY-SA40D	
	DHI-HY-SA40E	

Schedule of properties/characteristics

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

	DHI-HY-SA40A-R9	DHI-HY-SA40D-R9	DHI-HY-SA40E-R9	DHI-HY-SA40A	DHI-HY-SA40D	DHI-HY-SA40E
Smoke sensing type:	Type A photoelectric					
Main power source:	3 Vdc lithium battery (no replaceable)					
Battery list:	Huiderui CR123A, 3Vdc, 10-year lithium battery			EVE CR123A, 3Vdc, 10-year lithium battery		
Software version:	V1.0					
Interconnectivity:	Wireless (up to 24 devices)			N/A		
Operating temperature range:	-10 °C to +55 °C					
Operating humidity range:	≤ 93% RH (non-condensing)					
Alarm sound level:	≥ 85 dB at 3 metres minimum					
Alarm condition:	Audible signal pattern (ISO 7731)					
Silencing function:	Yes					
Dimensions:	Ø81.5 mm × 51.6 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	CSBA0087/NR1	Evaluation for Conformity of the Wisualarm DHI-HY-SA40 Series Photoelectric Smoke Alarms to the requirements of AS 3786:2014 +A1 +A2	28-Aug-2025	CSIRO, Fire Systems Laboratory, AU
Document	T2.00437110	User's Manual DHI-HY-SA40A-R9 Wireless Interconnected Smoke Alarm ZHEJIANG HUAXIAO TECHNOLOGY CO., LTD. V1.0.0 <small>(User Manual_HY-SA40A-R9_Aug 15.pdf)</small>	15-Aug-2025	Zhejiang Huaxiao Technology Co., Ltd, CN
	T2.00437113	User's Manual DHI-HY-SA40D-R9 Wireless Interconnected Smoke Alarm ZHEJIANG HUAXIAO TECHNOLOGY CO., LTD. V1.0.0 <small>(User Manual_HY-SA40D-R9_Aug 15.pdf)</small>		
	T2.00437115	User's Manual DHI-HY-SA40E-R9 Wireless Interconnected Smoke Alarm ZHEJIANG HUAXIAO TECHNOLOGY CO., LTD. V1.0.0 <small>(User Manual_HY-SA40E-R9_Aug 15.pdf)</small>		
	T2.00437109	User's Manual DHI-HY-SA40A Smoke Alarm ZHEJIANG HUAXIAO TECHNOLOGY CO., LTD. V1.0.0 <small>(User Manual_HY-SA40A_Aug 15.pdf)</small>		
	T2.00437111	User's Manual DHI-HY-SA40D Smoke Alarm ZHEJIANG HUAXIAO TECHNOLOGY CO., LTD. V1.0.0 <small>(User Manual_HY-SA40D_Aug 15.pdf)</small>		
T2.00437114	User's Manual DHI-HY-SA40E Smoke Alarm ZHEJIANG HUAXIAO TECHNOLOGY CO., LTD. V1.0.0 <small>(User Manual_HY-SA40E_Aug 15.pdf)</small>			