



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 3914	12-Sep-2024	Number 4	Issue date 5-Jun-2026	30-Apr-2027

Product designation

Wisualarm, DHI-HY-SA30 series, 3V DC 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, DHI-HY-SA30 series, 3 Vdc 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.

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, DHI-HY-SA30 series, 3 Vdc 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 not 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, DHI-HY-SA30 series, 3 Vdc 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-SA30A-R9, Model DHI-HY-SA30C-R9, and Model DHI-HY-SA30D-R9 are fitted with wireless communication interface only. They can wirelessly interconnect up to a maximum of 24 devices. The differences between these models are limited to the top cover and mounting plate.

The WisuAlarm Model DHI-HY-SA30A, Model DHI-HY-SA30C, and Model DHI-HY-SA30D do not have interconnection facility. The differences between these models are limited to the top cover and mounting plate.

The WisuAlarm, DHI-HY-SA30 series, 3 Vdc 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, DHI-HY-SA30 series, 3V DC 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.

Type	Variant	
	Ident.	Description
Model	DHI-HY-SA30A-R9	3 Vdc lithium-battery powered, silencing/test facility, photoelectric smoke alarm with wireless interconnection capabilities.
	DHI-HY-SA30C-R9	3 Vdc lithium-battery powered, silencing/test facility, photoelectric smoke alarm with wireless interconnection capabilities; models differ in top cover and mounting plate.
	DHI-HY-SA30D-R9	3 Vdc lithium-battery powered, silencing/test facility, photoelectric smoke alarm with wireless interconnection capabilities; models differ in top cover and mounting plate.
	DHI-HY-SA30A	3 Vdc lithium-battery powered, silencing/test facility, photoelectric smoke alarm with no interconnection capabilities
	DHI-HY-SA30C	3 Vdc lithium-battery powered, silencing/test facility, photoelectric smoke alarm with no interconnection capabilities; models differ in top cover and mounting plate.
	DHI-HY-SA30D	3 Vdc lithium-battery powered, silencing/test facility, photoelectric smoke alarm with no interconnection capabilities; models differ in top cover and mounting plate.

Schedule of properties/characteristics

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

	DHI-HY-SA30A-R9	DHI-HY-SA30C-R9	DHI-HY-SA30D-R9	DHI-HY-SA30A	DHI-HY-SA30C	DHI-HY-SA30D
Smoke sensing type:	Type A Photoelectric					
Main power source:	3 Vdc lithium battery (not replaceable and not rechargeable)					
Battery list:	EVE CR123A					
Software version:	V1.0					
Interconnectivity:	Wireless (up to 24 devices)			Not available		
Operating temperature	0 °C to 40 °C					

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	DHI-HY-SA30A-R9	DHI-HY-SA30C-R9	DHI-HY-SA30D-R9	DHI-HY-SA30A	DHI-HY-SA30C	DHI-HY-SA30D
range:						
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					

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
	CSBA0272/NR1A	Evaluation for Conformity of the Wisualarm, DHI-HY-SA30 Series and DHI-HY-SA5 Series Photoelectric Smoke Alarms to the requirements of AS 3786:2014 + A1:2015 + A2:2018	01-Jun-2026	
Document	User Manual - Smoke_Alarm (DHI-HY-SA30A-R9).pdf	Dahua Technology WisuAlarm 1.2.51.32.22936-000 Wireless Interconnected Smoke Alarm DHI-HY-SA30A-R9 User Manual V1.0.1 (User Manual - Smoke_Alarm (DHI-HY-SA30A-R9).pdf)	14-Jul-2024	Zhejiang Huaxiao Technology Co., Ltd. (Wisualarm), CN
	User Manual - Smoke_Alarm (DHI-HY-SA30A).pdf	Dahua Technology WisuAlarm 1.2.51.32.22931-000 Smoke Alarm DHI-HY-SA30A-R9 User Manual V1.0.1 (User Manual - Smoke_Alarm (DHI-HY-SA30A).pdf)		
	T2.00524432_Users manual_Wireless Interconnected Smoke Alarm_DHI-HY-SA3....pdf	Dahua Technology WisuAlarm T2.00524432 Wireless Interconnected Smoke Alarm User's Manual V1.0.0 (T2.00524432_Users manual_Wireless Interconnected Smoke Alarm_DHI-HY-SA3....pdf)	03-Mar-2026	
	T2.00524421_Users manual_Wireless Interconnected Smoke Alarm_DHI-HY-SA3....pdf	Dahua Technology WisuAlarm T2.00524431 Wireless Interconnected Smoke Alarm User's Manual V1.0.0 (T2.00524421_Users manual_Wireless Interconnected Smoke Alarm_DHI-HY-SA3....pdf)		
	T2.00524433_Users manual_Smoke Alarm_DHI-HY-SA30C.PDF	Dahua Technology WisuAlarm T2.00524433 Smoke Alarm User's Manual V1.0.0 (T2.00524433_Users manual_Smoke Alarm_DHI-HY-SA30C.PDF)		
	T2.00524434_Users manual_Smoke Alarm_DHI-HY-SA30D.PDF	Dahua Technology WisuAlarm T2.00524434 Smoke Alarm User's Manual V1.0.0 (T2.00524434_Users manual_Smoke Alarm_DHI-HY-SA30D.PDF)		