



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 3919	7-Nov-2024	Number 4	Issue date 5-Jun-2026	30-Apr-2027

Product designation

Wisualarm, DHI-HY-SA5 series, 230 Vac powered, fixed rechargeable lithium battery backup, silencing/hush facility, interconnectable, 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-SA5 series, 230 Vac powered, fixed rechargeable lithium battery backup, silencing/hush facility, interconnectable, 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-SA5 series, 230 Vac powered, fixed rechargeable lithium battery backup, silencing/hush facility, interconnectable, photoelectric smoke alarm is an external 230 Vac supply. The smoke alarm includes a standby power supply from non-user replaceable rechargeable lithium batteries.

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-SA5 series, 230 Vac powered, fixed rechargeable lithium battery backup, silencing/hush facility, interconnectable, photoelectric smoke alarm also incorporates a 'hush button' feature. According to the manufacturer's instructions, pressing the hush button reduces the smoke sensitivity of the smoke alarm. The sensitivity is reduced for approximately 9 minutes, at which time the smoke alarm automatically returns to normal operation.

The WisuAlarm, Model DHI-HY-SA5MA and Model DHI-HY-SA5M9A are fitted with hardwire and an optional wireless communication interface. They can be interconnected up to a maximum of 24 devices (hardware). The differences between these models are limited to the top cover, mounting plate, installation holes and connection holes.

The WisuAlarm, DHI-HY-SA5 series, 230 Vac powered, fixed rechargeable lithium battery backup, silencing/hush facility, interconnectable, photoelectric smoke alarm is circular in shape. They are approximately 149 mm in diameter with a height of 56 mm.

Technical specification

The following details are a representative extract of the technical specification for the WisuAlarm, DHI-HY-SA5 series, 230 Vac powered, fixed rechargeable lithium battery backup, silencing/hush facility, interconnectable, 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-SA5MA	230 Vac powered, fixed rechargeable lithium battery backup, silencing/hush facility, interconnectable, photoelectric smoke alarm.
	DHI-HY-SA5M9A	230 Vac powered, fixed rechargeable lithium battery backup, silencing/hush facility, interconnectable, photoelectric smoke alarm, with differences in the top cover, mounting plate, installation holes and connection holes.

Schedule of properties/characteristics

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

	DHI-HY-SA5MA	DHI-HY-SA5M9A
Smoke sensing type:	Type A Photoelectric	
Main power source:	230 V mains	
Standby power:	3.6 V battery (not replaceable and rechargeable)	
Battery list:	LSC2440	
Software version:	V1.0	
Interconnectivity:	Wired (up to 24 devices)	
Operating temperature range:	-10 °C to 55 °C	
Operating humidity range:	0% to 95% RH	
Alarm sound level:	85 dB at 3 metres minimum	
Alarm condition:	Audible signal pattern (ISO 7731)	
Silencing function:	Yes	
Dimensions:	Ø149 mm × 56 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	XF3625/R1	Evaluation for Conformity of the Wisualarm Models DHI-HY-SA5MA and DHI-HY-SA5MB Photoelectric Smoke Alarms to the requirements of AS 3786:2014 +A1 +A2	17-Oct-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_DHI-HY-SA5MA & DHI-HY-SA5MB_Aug 15.pdf	Dahua Technology WisuAlarm 1.2.51.32.22935-000 Mains Powered Photoelectric Smoke Alarm DHI-HY-SA5MA / DHI-HY-SA5MB User Manual V1.0.1 (User Manual_DHI-HY-SA5MA & DHI-HY-SA5MB_Aug 15.pdf)	15-Aug-2024	Zhejiang Huaxiao Technology Co., Ltd. (Wisualarm), CN
	T2.00524350 Mains Powered Smoke Alarm(DHI-HY-SA5M9A).pdf	Dahua Technology WisuAlarm T2.00524350 User's Manual Mains Powered Smoke Alarm V1.0.0 (T2.00524350 Mains Powered Smoke Alarm(DHI-HY-SA5M9A).pdf)	09-Feb-2026	