

PID:
12100047

CID:
CN.T0005G

Certificato di approvazione

Approval certificate



**IMQ, ente di certificazione accreditato,
autorizza la ditta**

IMQ, accredited certification body, grants to

PRD N° 005B

Membro degli Accordi di Mutuo
Riconoscimento EA, IAF e ILAC
Signatory of EA, IAF and ILAC
Mutual Recognition Agreements

**Zhejiang Dahua Vision Technology Co., Ltd.
No.1399,Binxing Road,Binjiang District
Hangzhou
CN - China**

all'uso del marchio

the licence to use the mark

IMQ-SISTEMI DI SICUREZZA

Il presente certificato è
soggetto alle condizioni
previste nel Regolamento
"MARCHI IMQ - Regolamento
per la certificazione di prodotti"
ed è relativo ai prodotti descritti
nell'Allegato al presente
certificato.



per i seguenti prodotti

for the following products

**Centrali antiintrusione
(Modd. DHI-ARC3800H-FW2(868)
- DHI-ARC3800H-W2(868))**

*Intrusion systems - Control and
indicating equipment
(Models DHI-ARC3800H-FW2
(868) - DHI-ARC3800H-W2(868))*

*This certificate is subjected to the
conditions foreseen by Rules
"IMQ MARKS - RULES for
product certification" and is
relevant to the products listed in
the annex to this certificate.*

<i>Emesso il Issued on</i>	2024-09-18
<i>Aggiornato il Updated on</i>	2024-10-15
<i>Sostituisce Replaces</i>	2024-10-01
<i>Scade il Expires on</i>	2027-09-17

IMQ S.p.A.

Allegato - Certificato di approvazione
Annex - Approval certificate

Emesso il / Issued on 2024-09-18
Aggiornato il / Updated on 2024-10-15
Sostituisce / Replaces 2024-10-01
Scade il / Expires on 2027-09-17

Prodotto | Product

Centrali antiintrusione **Intrusion systems - Control and indicating equipment**

Concessionario | Licence Holder

Zhejiang Dahua Vision Technology Co., Ltd.
No.1399,Binxing Road,Binjiang District
Hangzhou
CN - China

Marchio | Mark

IMQ-SISTEMI DI
SICUREZZA

Costruito a | Manufactured at

PI.U00010 C06423667

Hangzhou

China

Copia del presente certificato deve essere conservata presso i luoghi di produzione sopra elencati.
Copy of this certificate must be available at the manufacturing places listed above

Norme / Specifiche tecniche

Prodotto/i conforme/i alle Norme/Specifiche tecniche:

EN 50131-3:2009
EN 50131-1:2006 + A1:2009 + A2:2017 + A3:2020
EN 50131-6:2017 + A1:2021
EN 50131-10:2014
EN 50136-1:2012 + A1:2018
EN 50136-2:2013 + A1:2023
EN 50130-4:2011 + A1:2014
EN 50130-5:2011
EN IEC 62368-1:2020 + A11:2020
Prodotti conformi agli obiettivi di sicurezza della Direttiva B.T. 2014/35/UE (Allegato I).
EN 50131-5-3:2017

Standards / Technical specifications

Product/s complying to Standards/Technical specifications:

EN 50131-3:2009
EN 50131-1:2006 + A1:2009 + A2:2017 + A3:2020
EN 50131-6:2017 + A1:2021
EN 50131-10:2014
EN 50136-1:2012 + A1:2018
EN 50136-2:2013 + A1:2023
EN 50130-4:2011 + A1:2014
EN 50130-5:2011
EN IEC 62368-1:2020 + A11:2020
Products meeting the safety objectives of Low Voltage Directive 2014/35/EU (Annex I).
EN 50131-5-3:2017

Rapporti | Test Reports

SS24-0098977-01; SS24-0098977-05; ; SS24-0098977-06

Caratteristiche tecniche | Technical characteristics

Tensione nominale alimentazione Rated supply voltage	100-240 Vac
Frequenza nominale alimentazione Rated supply frequency	50/60 Hz
Corrente massima assorbita Rated current	0.4 A
Numero ingressi Inputs	150
Grado di sicurezza Security grade	Grade 2
Classe ambientale Environmental class	Class II

Articoli (con dettagli) | Articles (with details)

AR.Y004SD

Marca | Trade Mark **DAHUA TECHNOLOGY**
Modello | Model **DHI-ARC3800H-FW2(868)**

Grado di protezione contro il contatto elettrico | Degree /
of protection against electric shock

Tipo di capacità massima della batteria di accumulatori
allocabile | Type and maximum capacitance of the
battery

Altre caratteristiche | Further characteristic [Vedere ulteriori informazioni / See additional information](#)

AR.Y004SF

Marca | Trade Mark **DAHUA TECHNOLOGY**
Modello | Model **DHI-ARC3800H-W2(868)**

Grado di protezione contro il contatto elettrico | Degree /
of protection against electric shock

Tipo di capacità massima della batteria di accumulatori
allocabile | Type and maximum capacitance of the
battery

Altre caratteristiche | Further characteristic [Vedere ulteriori informazioni / See additional information](#)

Ulteriori informazioni | Additional Information

Il Sistema è configurabile e gestibile mediante due APP:
DMSS (Versione V1.99.624 - 2024.03.14) per prima installazione e successivamente utenti (Livello di accesso 2).
DoLynK Care (Versione 1.004.000005) per installazione e configurazione (garantisce il Livello di Accesso 3);
Le centrali Via Radio DHI-ARC3800H-FW2(868), DHI-ARC3800H-W2(868) differiscono per l'assenza della sezione GSM.
150 dispositivi via Radio (6 sirene, 64 Rivelatori, 64 telecomandi, 8 Tastiere e 4 ripetitori), sistema di
trasmissione classificato SP2, DP2.
SP2: LAN/WIFI utilizzando il protocollo CLOUD APP- DMSS (reporting time default 150") o ARC reporting time min.
25 h);
DP2: LAN/WIFI utilizzando il protocollo CLOUD, APP DMSS (reporting time default 150") o ARC reporting time min.
30 min) e secondario GPRS/4G utilizzando CLOUD APP DMSS (reporting time default 150") o ARC reporting time min.
30 min.).

Contenuta in involucro plastico (dimensione 174.8 x 174.8 x 38.3 mm) provvisto di dispositivo antiapertura e
anti-rimozione, con al suo interno le seguenti parti:

- Scheda Alimentatore Switching (Pcb n. EOP-12-12 1A ECU2.932.12941) connessa via pin alla scheda
madre;
- Scheda Madre (Pcb n. 95_079 80236976);
- Scheda dual sim (Pcb n. 66_384 80236464) (Non presente nella versione DHI-ARC3800H-W2(868));
- Batteria al litio Ricaricabili marca LARGE costruttore Dongguan Large Electronics Co., Ltd. modello
01DQ0023-69 rated 3.7 V 4750 mAh;

La centrale è provvista delle seguenti periferiche Via Radio:

- Contatto magnetico Via radio mod. DHI-ARD324-W2(868) (Pcb n. 31_528, 80226388), con batteria al Litio
marca WUHAN FANSO TECHNOLOGY type CR123A rated 3 V 1500mAh;
- Contatto magnetico Via radio mod. DHI-ARD324-W2(868S) (Pcb n. 31_528, 80226388), con batteria al
Litio marca WUHAN FANSO TECHNOLOGY type CR123A rated 3 V 1500mAh;
- Rivelatore ad IR+MW Via Radio mod. DHI-ARD2231-W2(868) (Pcb n. 41_363 + 41_351 + 73_343) con
batteria al Litio WUHAN FANSO TECHNOLOGY mod. CR123A rated 3 V 1500mAh;
- Espansione I/O Via Radio mod. DHI-ARM320-W2(868) (Pcb n. 86_142, 80236471) con batterie al Litio
HUIDERUI mod. CR123A rated 3 x 3 V 1600mAh da montare all'interno di un
involucro conforme EN50131 Grado 2 Classe II, Prove meccaniche non eseguite;
- Rivelatore IR+MW Via Radio mod. DHI-ARD2251E-W2(868) (Pcb n. 105_051 80237262 + 66_389
80236889 + 73_343 + 42_435 80236679) con batterie al Litio HUIDERUI mod.
CR123A rated 4 x 3 V 1600mAh;
- Rivelatore IR+MW Via Radio Triple-Tech Detector mod. DHI-ARD2251E-W2(868V) (Pcb n. 105_051
80237262 + 66_389 80236889 + 73_343 + 42_435 80236679) e modulo camera IR mod. DHI-ARD1130-
CAM (Pcb n. 98_080 80236687 + 103_055 80236688 + 98_081 80236687) con batterie al Litio HUIDERUI mod. CR123A
rated 4 x 3 V 1600mAh;
- Sirena per interno Via Radio mod. DHI-ARA14-W2(868) (Pcb n. 95_081 80237164 + 95_075 80236988)
con batterie al litio HUIDERUI mod. CR123A rated 4 x 3 V 1600mAh;
- Ripetitore Radio mod. DHI-ARA43-W2(868) provvisto di involucro plastico (dimensioni 163 x 163 x 32
mm) provvisto di antiapertura e antirimozione, con all'interno le seguenti parti:
 - Alimentatore Switching Plug-in marca AMC Technology type EVST+24120-1500 rated Input: 100-
240Vac, 50/60Hz, 0.6A Output: 12Vdc, 1.5A Certified by UL;
 - Scheda madre (Pcb n 68_317);
 - 1 Batteria al Litio Ricaricabili marca Zhuhai Gushine Electronic Technology, Ltd. Mod. MZ852LI rated 3.6
Vdc 2150 mAh, (Battery cell PANASONIC type UR18650A) o in alternativa;
 - 1 Batteria al litio Ricaricabili marca LARGE costruttore Dongguan Large Electronics Co., Ltd. modello
MZ852LI rated 3.7 Vdc 2150 mAh;
- Contatto magnetico Via radio mod. DHI-ARD323-W2(868) (Pcb n. 30_363 80207271), con batteria al Litio
marca WUHAN FANSO TECHNOLOGY type CR123A rated 3 V 1500mAh;
- Contatto magnetico Via radio mod. DHI-ARD323-W2(868S) (Pcb n. 30_363 80207271), con batteria al
Litio marca WUHAN FANSO TECHNOLOGY type CR123A rated 3 V 1500mAh;
- Rivelatore ad IR Via Radio mod. DHI-ARD1233-W2(868) (Pcb n 41_351 80206978 + 41_363 80207174)
con batteria al Litio WUHAN FANSO TECHNOLOGY mod. CR123A rated 3 V 1500mAh;

- Sirena per interno Via Radio mod. DHI-ARA12-W2(868) (Pcb n. 30_364 80207090), con 2 batterie al litio WUHAN FANSO TECHNOLOGY mod. CR123A rated 3 V 1500mAh;
- Telecomando mod. DHI-ARA24-W2(868) (Pcb n. 74_254), con batteria al litio CHANGZHOU JINTAN CHAOCHUANG BATTERY mod. CR2032 rated 3 V;
- Sirena per Esterno Via radio mod. DHI-ARA13-W2(868) (Pcb n. 73_275), 4 x batterie al Litio marca WUHAN FANSO TECHNOLOGY mod. CR123A rated 3 V 1500mAh;
- Tastiera con lettore di prossimità Via Radio mod. DHI-ARK30T-W2(868) (Pcb n. 48_420) 4 x batterie alcaline mod. NECTIUM mod. LR6 AA 1.5 V;
- Pulsante antipanico Via Radio mod. DHI-ARD821-W2(868) (Pcb n. 42_363) e DHI-ARD822-W2(868) (Pcb n. 42_363), batteria al litio CR2032.
- Rivelatore ad IR Via Radio mod. DHI-ARD1731-W2(868) (Pcb n 31_532 + 42_393 + 31_534) con batteria al Litio WUHAN FANSO TECHNOLOGY mod. CR123A rated 3 V 1500mAh.
- Tastiera LCD Via Radio mod. DHI-ARK30K-W2(868) (Pcb n. 73_244 80216483), Alimentatore Switching Plug-in marca AMC Technology type EVSF+24120-1500 rated Input: 100-240Vac, 50/60Hz, 0.6A Output: 12Vdc, 1.5A Certified by UL, e Batteria Al Litio ricaricabile marca DONGGUAN ANYFINE ELECTRONIC TECHNOLOGY CO., LTD mod. L018-31 rated 3.7 Vdc 2000 mAh.

The systems are manageable by two APP:

DMSS (Version V1.99.624 2024.03.14) for installation and configuration First set up (access level 2 and 3) and users (access level 2).

DoLynk Care (Version 1.400.0000005) for installation and configuration (access level 3).

Wireless control and indicating equipment type DHI-ARC3800H-FW2(868) and DHI-ARC3800H-W2(868) (differences regard absence of GSM module 4G). configuration:

150 channels wireless peripherals (6 sirens, 64 PIR cameras, 64 keyfobs, 8 keypads and 4 repeaters);

Provided by communicator WiFi, Ethernet port, 4G GSM classified:

SP2: LAN/WIFI using CLOUD, APP DMSS (reporting time default 150") or ARC reporting time min. 25 h);

DP2: primary LAN/WIFI using CLOUD, APP DMSS (reporting time default 150") or ARC reporting time min. 30 min) and secondary GPRS/4G using CLOUD APP DMSS (reporting time default 150") or ARC reporting time min. 30 min).

It is contained in a plastic enclosure (dimensions 174.8 mm x 174.8 mm x 38.3 mm) provided by opening, removal tamper device, internally it is fitted with the following main parts:

- Power supply board (PCB n. EOP-12-12 1A ECU2.932.12941) connected by pin to main board;
- Main board (PCB n. 95_079 80236976) provided by ethernet port and dual SIM GSM 4G;
- Dual sim board (PCB n. 66_384 80236464) (Not provided for DHI-ARC3800H-W2(868));
- Lithium battery Dongguan LARGE Electronics type 01DQ0023-69 rated 3.7 V 4750 mAh.

The CIE is also provided of the following wireless devices:

- Wireless Magnetic contact type DHI-ARD324-W2(868) (Pcb n. 31_528, 80226388), Lithium battery WUHAN FANSO TECHNOLOGY type CR123A rated 3 V 1500 mAh;
- Wireless Magnetic contact type DHI-ARD324-W2(868S) (Pcb n. 31_528, 80226388), Lithium battery WUHAN FANSO TECHNOLOGY type CR123A rated 3 V 1500 mAh;
- Wireless Infrared and Microwave detector type DHI-ARD2231-W2(868) (Pcb n 41_363 + 41_351 + 73_343) Lithium battery WUHAN FANSO TECHNOLOGY type CR123A rated 3 V 1500 mAh;
- Wireless Input Expander type DHI-ARM320-W2(868) (Pcb n. 86_142, 80236471) Lithium battery HUIDERUI type CR123A rated 3 x 3 V 1600 mAh to be mounted inside enclosure accordance to EN50131 Grade 2 Class II, mechanical test not performed;
- Wireless Triple-Tech Detector DHI-ARD2251E-W2(868) (Pcb n. 105_051 80237262 + 66_389 80236889 + 73_343 + 42_435 80236679) Lithium battery HUIDERUI type CR123A rated 4 x 3 V 1600 mAh;
- Wireless Triple-Tech Detector DHI-ARD2251E-W2(868V) (Pcb n. 105_051 80237262 + 66_389 80236889 + 73_343 + 42_435 80236679) and IR camera module DHI-ARD1130-CAM (Pcb n. 98_080 80236687 + 103_055 80236688 + 98_081 80236687) Lithium battery HUIDERUI type CR123A rated 4 x 3 V 1600 mAh;
- Wireless Internal Warning device type DHI-ARA14-W2(868) (Pcb n. 95_081 80237164 + 95_075 80236988) Lithium battery HUIDERUI type CR123A rated 4 x 3 V 1600mAh.
- Wireless Alarm repeater type DHI-ARA43-W2(868) provided by plastic enclosure (dimensions 163 x 163 x 32 mm) provided by opening, removal tamper device, internally it is fitted with the following main parts:
 - Switching power supply Plug-in trademark AMC Technology type EVSF+24120-1500 rated Input: 100-240Vac, 50/60Hz, 0.6A Output: 12Vdc, 1.5A;
 - Main board (Pcb n 68_317);
 - 1 x Lithium recharge battery pack trademark Zhuhai Gushine Electronic Technology, Ltd. Type MZ852LI rated 3.6 Vdc 2150 mAh, (Battery cell PANASONIC type UR18650A) or as alternative;
 - 1 x Lithium recharge battery pack trademark LARGE manufacturer Dongguan Large Electronics Co., Ltd. Type MZ852LI rated 3.7 Vdc 2150 mAh;
- Wireless Magnetic contact type DHI-ARD323-W2(868) (Pcb n. 30_363), Lithium battery WUHAN FANSO TECHNOLOGY type CR123A rated 3 V 1500 mAh;
- Wireless Magnetic contact type DHI-ARD323-W2(868S) (Pcb n. 30_363), Lithium battery WUHAN FANSO TECHNOLOGY type CR123A rated 3 V 1500 mAh;
- Wireless Infrared detector type DHI-ARD1233-W2(868) (Pcb n 41_351 + 41_363) Lithium battery WUHAN FANSO TECHNOLOGY type CR123A rated 3 V 1500 mAh;
- Wireless Warning device type DHI-ARA12-W2(868) (Pcb n. 30_364), 2 x Lithium battery WUHAN FANSO TECHNOLOGY type CR123A rated 3 V 1500 mAh;
- Wireless Keyfob type DHI-ARA24-W2(868) (Pcb n. 74_254), Lithium battery CHANGZHOU JINTAN CHAOCHUANG BATTERY type CR2032 rated 3 V;
- Wireless External Warning device type DHI-ARA13-W2(868) (Pcb n. 73_275), 4 x Lithium battery WUHAN FANSO TECHNOLOGY type CR123A rated 3 V 1500 mAh;
- Wireless Keypad with proxy reader type DHI-ARK30T-W2(868) (Pcb n. 48_420) 4 x alkaline battery NECTIUM type LR6 AA 1.5 V rated 2.1 Ah;
- Wireless Panic Button type DHI-ARD821-W2(868) (Pcb n. 42_363) and DHI-ARD822-W2(868) (Pcb n.



- 42_363), lithium battery CR2032 rated 3 V 235 mAh;
- Wireless Infrared detector type DHI-ARD1731-W2(868) (Pcb n 31_532 + 42_393 + 31_534) Lithium battery WUHAN FANSO TECHNOLOGY type CR123A rated 3 V 1500 mAh;
 - Wireless LCDKeyboard type DHI-ARK30K-W2(868) (Pcb n. 73_244), Supplied by PSU Plug-in trademark AMC Technology type EVSF+24120-1500 rated Input: 100-240Vac, 50/60Hz, 0.6A Output: 12Vdc, 1.5A and Lithium recharge battery pack trademark DONGGUAN ANYFINE ELECTRONIC TECHNOLOGY CO., LTD type L018-31 rated 3.7 Vdc 2000 mAh.

Componenti | Component List

Vedere apposito elenco / See relevant annex

Emesso il | Issued on **2024-09-18**

Aggiornato il | Updated on ---

Sostituisce | Replaces ---

Scade il | Expires on **2027-09-17**

Diritti di concessione | Annual Fees

SN.Y000IQ

EMY.121000.DA2N

Importo modelli IMQ - centrali - 1210 - Centrali ed apparati ausiliari | IMQ models - control panel - 1210
- Central processing units and auxiliary apparatus

2

**Annex to Approval Certificate No. CA12.02149****Issue: 1****Date: 2024-09-18****Page 1 of 1**

1.5.1 TABLE: List of critical components					
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity ¹⁾
Mains cord set (1)	UNIRISE ELECTRIC WIRE & CABLE CO., LTD	Plug UE-212	250 V~, 16 A	EN60320-1:2015+ AC:2016 EN60320-3:2014	VDE
		Cord H05VVH2-F	2 x 0.75mm ²	EN60525-2-11:2011	VDE
		Socket UE- 224	250 V~, 2.5 A	EN60320-1:2015+ AC:2016 EN60320-3:2014	VDE
Power switching supply (2)(3)	ZHEJIANG DAHUA VISION TECHNOLOGY CO., LTD	DHI-ARA61, ARA61	Input: 100 V a.c.- 240 V a.c., 50/60 Hz, 0,4 A; Output: 12 V d.c., 1 A	EN IEC 62368- 1:2020+A11:2020	SGS (BE- 46711)
Enclosure (1)	SHANGHAI KUMHO SUNNY PLASTICS CO LTD	PC/ABSHAC8 25XNH	1,5mm, V-0	UL 94	UL (E254819)
PCB board (1)	Huizhou Kedisheng Technology Co Ltd	L-2	94V-0, 130°C	UL94	UL (E312490)
CPU board (PCB n. 95_079 80236976)					
Battery (2)	Dongguan Large Electronics Co.,Ltd.	01DQ0023-69	3.7 V, 4750 mAh	IEC 62133- 2:2017/AMD1:2021	UL (DK- 150836-UL)
PTC RT3 (1)	WAYON	LP- MSML300/16 HF	3 A, 16 V	EN 60730- 1/A2+A13+A14+A15	TUV, UL
PTC RT1, RT2 (1)	Polytronics Technology Corp.	SMD1812P15 OTFC	1.5 A, 24 V	EN 60730- 1/A2+A13+A14+A15	TUV, UL
PCB boards (1)	Shenzhen Suntak Multilayer PCB Co.,Ltd.	STM-5	Flame class UL94V-0, min. 130°C	UL94	UL (E207844)

(1) Approved component replaceable with another one also approved with equivalent characteristics.

(2) Component tested together with the appliance.

(3) Component used in alternative.

Unless otherwise stated (1), the above components can not be replaced without IMQ authorization.