

Code: ART-ARC3800H-03-FW2(868)

## ALARM KIT **ART-ARC3800H-03-FW2(868)** AirShield DAHUA

The DAHUA ART-ARC3800H-03-FW2(868) alarm kit is ideal solution for those looking for a simple and reliable system with enhanced communication functions.

The kit includes: the "ARC3000H-FW2(868)" Wireless Alarm Control Panel, the "ARD1233-W2(868)" Wireless PIR Detector, the "ARD323-W2(868)" Wireless Magnet Detector and the "ARA24-W2(868)" Wireless Remote Controller.



Number of supported wireless devices:	max. 150 pcs
Number of supported remote control keyfobs:	max. 64 pcs In the kit 1 pcs
The RFID cards/keyfobs support:	—
Number of supported wireless sirens:	max. 6 pcs (not included)
PIR detectors included:	1 pcs, Wireless
Magnetic contact included:	1 pcs, Wireless
Enclosure included:	✓
Keyboard included:	—
Expander included :	—
Protection class (Grade):	Grade 2
Wireless:	868 MHz
Operating range in open area:	max. 2000 m

Built-in modules:	<ul style="list-style-type: none"> <li>• LAN 10/100Mb,</li> <li>• Wi-Fi 2.4 GHz, IEEE 802.11 b/g/n,</li> <li>• GSM ( GPRS, 3G, 4G LTE ) - It supports push messages, SMS text notifications, and audio notifications via the phone</li> </ul>
Access from PC:	<ul style="list-style-type: none"> <li>• DMSS application - for the end user</li> <li>• DolynkCare application - for the installer</li> </ul>
Mobile phones support:	✓
Main features:	<ul style="list-style-type: none"> <li>• Supports video alarm verification via IPC integration with control panel</li> <li>• It has a voice alarm function</li> <li>• Supports redundancy of multiple Ethernet, Wi-Fi, 4G, LTE networks to ensure network stability and reliability</li> <li>• Bidirectional communication</li> <li>• Two SIM cards support</li> <li>• Support for video events via a mobile client and email</li> <li>• Configuration via the www client, mobile client or software</li> <li>• LED indication</li> </ul>
Power supply:	230 V AC
Housing:	Plastic
Color:	White
Operation temp:	-10 °C ... 55 °C
Weight:	0.39 kg
Dimensions:	163 x 163 x 32 mm

#### MAGNETIC CONTACT:

Detection:	Opening the door or window
Break distance:	~ 40 mm
Alarm signaling:	Signal to control panel
Frequency range:	868 MHz
Radio communication range (at open area):	max. 1200 m (open area)
Alarm inputs:	—
Main features:	<ul style="list-style-type: none"> <li>• Tamper protections</li> <li>• Low battery level alarm</li> <li>• AES128 data encryption</li> </ul>
Battery:	1 x CR123A 3 V (included)
Backup time:	~ 5 years
Operation temp:	-10 °C ... 55 °C
Weight:	<ul style="list-style-type: none"> <li>• 0.04 kg - Transmitter</li> <li>• 0.034 kg - Magnet</li> </ul>
Dimensions:	<ul style="list-style-type: none"> <li>• 100 x 21 x 21 mm - Transmitter</li> <li>• 100 x 21 x 21 mm - Magnet</li> </ul>

#### PIR DETECTOR:

Application:	Indoor
Pyroelectric sensor:	Double, Low Noise Ratio

Sensor type:	Passive Infra Red (PIR)
Frequency range:	868.0 ... 868.6 MHz
Radio communication range (at open area):	max. 1600 m
Recommended installation height:	2.2 m
Detection range / Detection angle:	12 m / 90 °
Sensitivity adjustment:	max. 3 levels
Pet immunity:	≤ 18 kg
Digital temperature compensation:	✓
Alarm output:	Wireless
Target speed range:	0.3 ... 3 m/s
Main features:	<ul style="list-style-type: none"> <li>• Tamper protections</li> <li>• Low battery level alarm</li> <li>• Frequency hopping against jamming for reliable transmission</li> <li>• AES128 data encryption</li> <li>• Measurement of signal strength and quality</li> <li>• Test mode</li> <li>• Temperature measurement in the range: -15°C ... +65°C</li> <li>• Remote update of software</li> <li>• LED indicator</li> <li>• ON/OFF button</li> </ul>
Environment class:	II
Protection class (Grade):	Grade 2
Compliance with standards:	EN50131-1:2006+A2:2017+A3:2020, EN 50131-2-2:2017, EN 50131-6:2017, EN 50131-5-3:2017
Housing:	Plastic (PC + ABS)
Color:	White
Battery:	1 x CR123A 3 V (included)
Backup time:	~ 4 years
Current consumption:	max. 120 mA
Operation temp:	-10 °C ... 55 °C
Weight:	0.11 kg
Dimensions:	60 x 104 x 51 mm

#### REMOTE CONTROL:

Frequency band:	868 MHz
Radio communication range (at open area):	max. 900 m (in open area)
Main features:	<ul style="list-style-type: none"> <li>• LED indication</li> <li>• Large, readable buttons : arm, disarm, arming only perimeter protection zones, SOS</li> <li>• Configuration is done using the mobile application</li> </ul>
Battery:	CR2032 3V (included)
Backup time:	~ 5 years



# DATA SHEET

Operation temp:	-10 °C ... 55 °C
Weight:	0.02 kg
Dimensions:	60 x 40 x 15 mm
General information:	
Manufacturer / Brand:	DAHUA
Guarantee:	<b>3 years</b>