

DHI-ART-ARC5402A-W-06-A35

Alarm Security Kit



Technical Specification

ARC5402A-W

Name	Video Alarm Control Panel
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System

Main Processor	High-performance industrial embedded microcontroller
Operating System	Embedded LINUX

In and Out

Wired Zones	2 on-board zones
Wireless Zones	28 wireless detectors, 2-way communication, transmission range up to 150m open space
Alarm Output	1-ch relay output
Tamper Function	1 tamper switch
Wireless keyfob	8 wireless keyfobs
Siren	4 wireless sirens + 1 wired siren
Storage	Max 128GB micro SD card for video recording, USB device to backup video
ID Card	RFID reader(arm/disarm)

Network

Network Function	TCP/IP, DHCP, WIFI, P2P, IP Search(Support Dahua IP camera), DMSS
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Features

- LAN, WiFi, PSTN for communication;
- 28 wireless detectors+8 wireless keyfobs+4 wireless sirens+2 wired zones+1 alarm out+1 wired siren, 150m transmission distance(open space, no interference)
- 4CH IPC surveillance
- 30s voice message
- RFID reader(arm and disarm)
- 3.7V/1900mAh Li-ion backup battery up to 4 hours when main power off
- 4.3" TFT screen
- Max 128GB SD card for video recording
- Airfly technology, 2-way dynamic 128-bit AES encryption
- Globally control. Know what's happening 24/7, preview and playback video, receive notifications via DMSS anywhere anytime
- Entry and exit delays
- Easy installation, no wiring. No contracts and monthly fees
- 1 Video alarm control panel, 1 PIR detector, 1 curtain PIR detector, 2 door/window detector, 1 remote control, 1 panic button, 1 IPC-A35



Interface

Network Interface	1 RJ-45 Port(10/100Mbps)
RS485	1 Port
PSTN	2 groups PSTN, support Contact ID standard protocol alarm
Wired Siren	1 wired siren(12V/0.5A)
Auxiliary Power Output	1 auxiliary power output(12V/0.5A)
Reset	Insert two ends of cable into the holes to reset
USB	1 USB 2.0 port to record or upgrade

Audio and Video

IP Camera Channel	4 Channel
Compression	H.264

Resolution	D1
LCD Screen	4.3 inch TFT screen, 480*272 resolution
Audio In	1 ch audio in for 30s voice message
Audio Out	1 ch audio out for voice and alarm broadcast

Upgrade

Remote Upgrade	USB disk or ConfigTool to remotely upgrade
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General Parameters

Main Power	DC12V/2A
Backup Battery	3.7V/1900mAh, Li-ion
Power Consumption	≤5W
Operating Temperature	-10°C ~ +55°C
Humidity	10% ~ 90%
Device Dimensions	216*118*28mm
Device Weight	<1kg
Installation	Wall mounting

ARD1231-W

Name	Wireless passive infrared sensor
Detection	Passive infrared
Detection Range	12m×12m, 90°
Alarm prompt	Red LED, can be set to switch off
Sensitivity	Two level (jumper)
Wireless Frequency	433/868MHz
Transmit power	10dBm
Transmit distance	150m open area/no interference
Pet immunity	≤18Kg
Resistance light	6500LUX
Working environment	-10°C~+50°C, humidity <95°
Overall dimensions/weight	105mmx62mmx41.3mm/0.1kg
Tamper	Unit protection and leaving-wall protection
Power	1xCR123A battery
Installation height	Wall mount, 2.2-2.5m

ARD1611-W

Name	Wireless Curtain PIR Detector
Detection	Passive infrared
Detection Range	10m/15°
Alarm prompt	Notification LED light, can be set to switch off
Sensitivity	Two level (jumper switch)
Wireless Frequency	433/868MHz
Transmit power	10dBm
Transmit distance	150m, open area/no interference
Resistance light	6500LUX
Tamper	Unit protection and leaving-wall protection
Power	1xCR123A battery
Working environment	-10°C~+50°C, humidity <95°
Overall dimensions/weight	99mmx52mmx35mm/0.1kg
Installation height	Ceiling/Wall mount, 2.2-2.5m
Installation height	Wall mount, 2.2-2.5m

ARD311-W

Name	Wireless door sensor
Motion distance	25-40mm
Alarm prompt	Notification LED light, can be set to switch off
Wireless Frequency	433/868MHz
Transmit Power	10dBm
Transmit Distance	150m(open area/no interference)
Tamper	Front cover and rear cover protection
Power	1xCR123A battery
Installation Way	Screw and glue
Dimensions	84*39*22mm
Weight	0.1kg
Temperature	-10°C~50°C
Humidity	< 95%
Installation	Screw or glue to mount

ARD800-W

Name	Panic Button
Trigger Alarm	Button pressed down
Alarm prompt	Alarm success: green LED on
	Alarm failure: red LED on
Wireless Frequency	433/868MHz
Transmit Power	10dBm
Transmit Distance	150 meters(open area/no interference)
	Indoor 30 meters, 1 wall capability
Power	1xCR2450 battery
Dimensions	42*43.8*13mm
Weight	0.05kg
Temperature	-10°C~55°C
Humidity	< 95%
Installation	Hang on the neck or 3M glue to mount

ARA22-W

Name	Remote keyfob
Working Voltage	DC3.0V
Frequency	433/868MHz
Transmit Power	10dBm
Key	Away Arm/Stay Arm/Disarm/SOS
Temperature	-10°C~55°C
Ingress protection	IP20
Dimension	62*30*14mm

Ordering Information

DHI-ART-ARC5402A-W-06-A35	Alarm Security Kit, 433MHz
DHI-ART-ARC5402A-W-06-A35(868)	Alarm Security Kit, 868MHz