

DHI-ART-ARC5402A-GW-06-A35

Alarm Security Kit



Technical Specification

ARC5402A-GW

Name	Video Alarm Control Panel
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System

Main Processor	High-performance industrial embedded microcontroller
Operating System	Embedded LINUX
Power Management System	Main power and backup battery automatic transfer, main power failure alarm, battery power indicator, low battery alarm

In and Out

Wired Zones	2 on-board zones
Wireless Zones	32 wireless zones, bi-directional communication, transmission range up to 150m open space
Alarm Output	1-ch relay output
Tamper Function	1 tamper switch
Remote Control	8 wireless remote controls
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, GSM(-G only), IP Search(Support Dahua IP camera), DMSS
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Features

- Lan, WiFi, GSM, PSTN for communication;
- 32 wireless zones+8 wireless remote controls+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 4-5 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*28 (L*W*H) mm
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	433/868/915MHz
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, 3V 50mA
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	433/868/915MHz
Transmit power	10dBm
Transmit distance	700m, open area/no interference
Resistance light	6500LUX
Tamper	Unit protection and leaving-wall protection
Power	1xCR123A battery, 3V 40mA
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	433/868/915MHz
Transmit Power	10dBm
Transmit Distance	150m(open area/no interference)
Tamper	Front cover and rear cover protection
Power	1xCR123A battery, 3V 50mA
Installation Way	Screw and glue
Dimensions	84*39*22mm(L*W*H)
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	433/868/915MHz
Transmit Power	10dBm
Transmit Distance	200 meters(open area/no interference)
	Indoor 30 meters, 1 wall capability
Power	1xCR2450 battery, 3.3V
Dimensions	42*43.8*13mm(L*W*H)
Weight	0.05kg
Temperature	-10°C~55°C
Humidity	< 95%
Installation	Hang on the neck or 3M glue to mount

ARA22-W

Name	Remote control
Working Voltage	DC3.0V
Frequency	433/868/915MHz
Transmit Power	10dBm
Key	Away Arm/ Stay Arm/ Disarm/ SOS
Temperature	-10°C~55°C
Ingress protection	IP20
Dimension	62*30*14mm(L*W*H)

Ordering Information

DHI-ART-ARC5402A-GW-06-A35	Alarm Security Kit, 433MHz
DHI-ART-ARC5402A-GW-06-A35(868)	Alarm Security Kit, 868MHz
DHI-ART-ARC5402A-GW-06-A35(915)	Alarm Security Kit, 915MHz