DAHUA TECHNOLOGY
MAKE YOUR LIFE SAFER

Security Alarm system
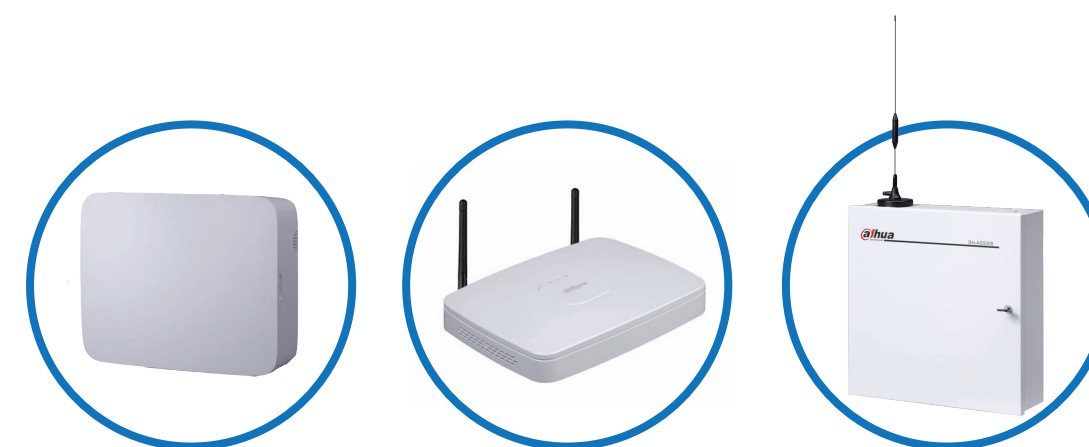
Security Alarm System-060-01, March. 2015

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Security Alarm System

Dahua Technology is a world-leading security solution provider. The company's product portfolios include the advanced series of front-end, back-end, display, software as well as intelligent solution. Dahua has established sales, marketing and service network locally and globally. Asides offices in mainland China, the company also has offices or sales representatives in Asia, USA, Europe, Oceania, Africa and others, responding to the market with the best service and products.

Dahua can provide the whole series alarm products. The high performance Alarm Controller is embedded with Linux OS via Dahua platform development which can be used in various applications. The OS is a stable system with advanced control technology and strong data transmission capability.

The products are high security and reliable. They can work alone or be integrated into one professional alarm platform software with remote monitoring ability.

The products are widely used in intelligent building, residential homes and perimeter alarm systems, building, as well as factories, schools, warehousing and other large-scale security systems.

Hospital

Office

University

Shopping mall

Security Service Center

Bank

Hotel

Alarm Controller

CO_2

CO_2

PIR

Siren

Alarm Controller

Smoke

Intrusion

32/64 wireless sensors

EASY   Easy installation

1.2KM   Wireless transmission distance up to 1.2km

Integrated with video surveillance

Estimated battery life of 3 years(wireless senors)

Wireless Passive
Infrared Sensor
ARD1231-W

Wireless(Video) Alarm Controller
ARC5408B-W(video)
ARC2004B-W

Wireless Door Sensor
ARD311-W

HDCVI
HAC-HFW1100R

Wireless Programming
Keyboard
ARK20C-W

Wireless Siren
ARD311-W

IP Camera
IPC-HFW1020RM

Dual Beam IR
Sensor
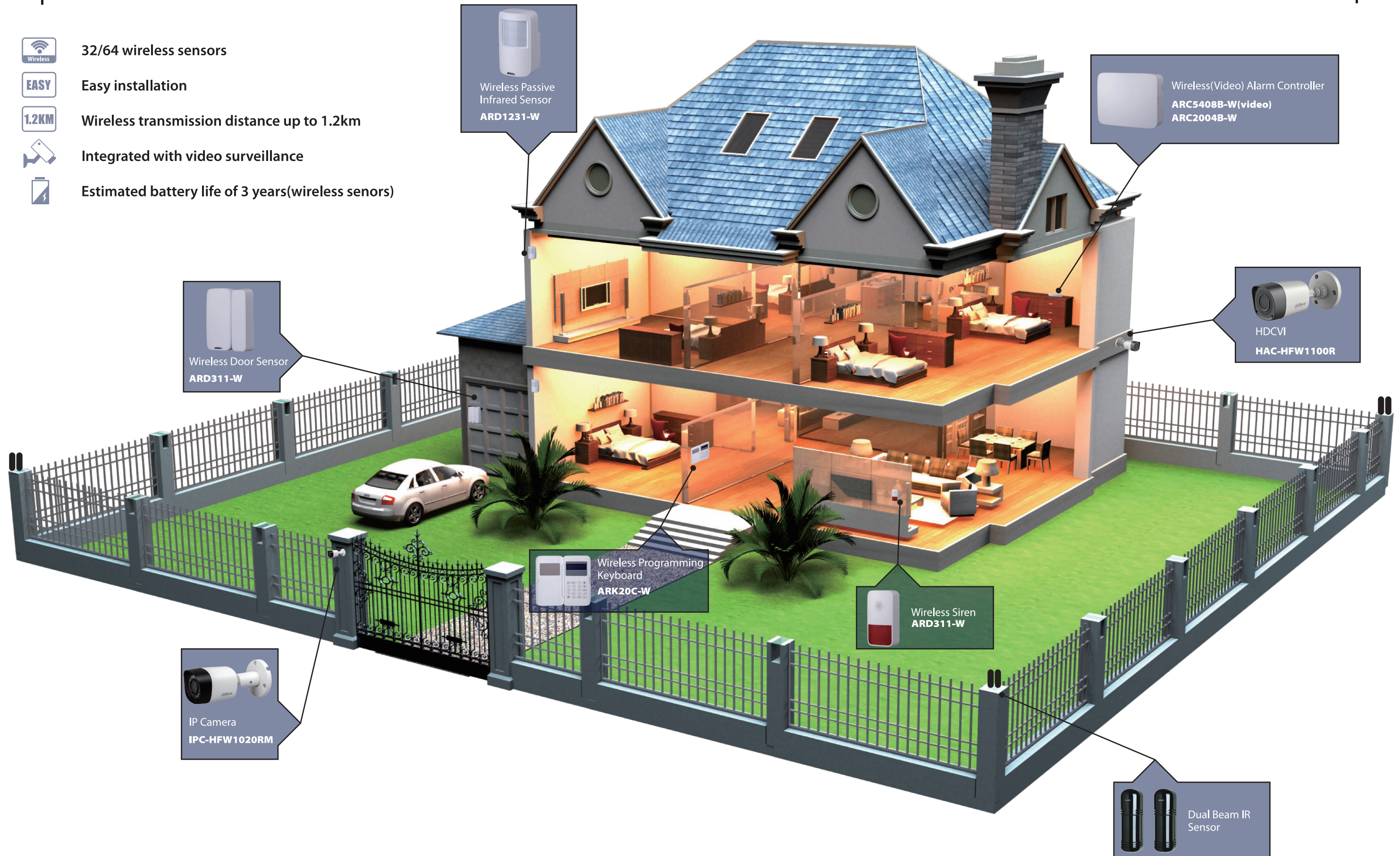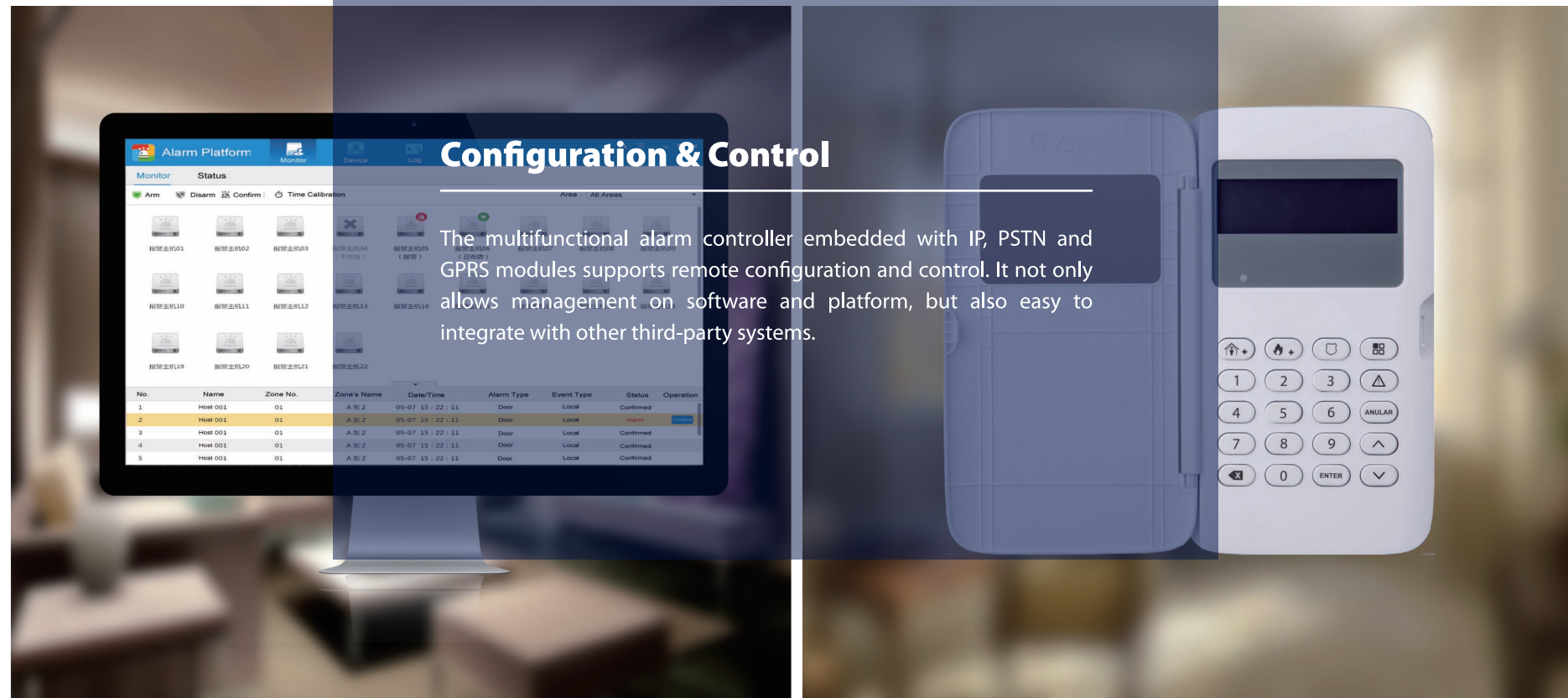
Configuration & Control

The multifunctional alarm controller embedded with IP, PSTN and GPRS modules supports remote configuration and control. It not only allows management on software and platform, but also easy to integrate with other third-party systems.

Sofware/Web

- Display alarm status
- Configure zone, alarm rule, network and others
- Arm and disarm

Keyboard
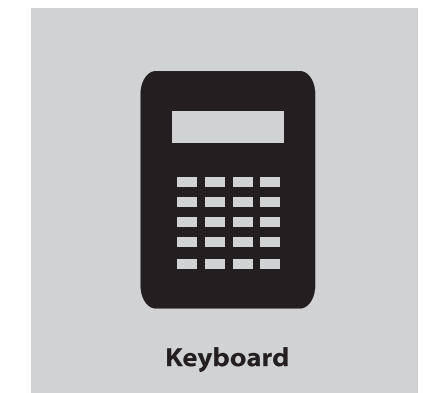
- LCD screen and visualized operation
- Easy to check alarm status
- Set different security permissions for multiple users
- Arm and disarm

Mobile APP
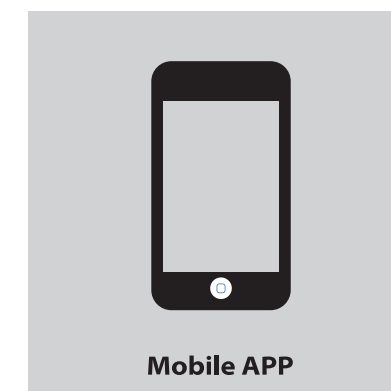
- Easily and safely access to your controller
- Automatically sends real-time picture alerts to your mobile phone
- Arm and disarm

Remate Controller
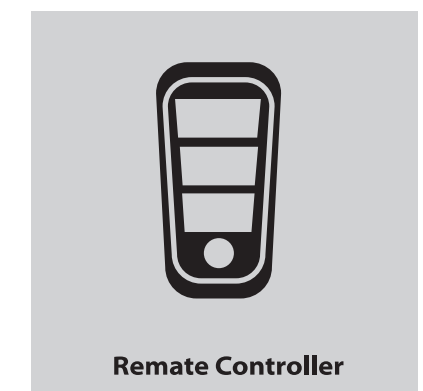
- Same size as a car key
- Programmable buttons
- Arm and disarm

Coming Soon!

ARC2004B-W

Wireless Alarm Controller

- 4 channel wired alarm local input
- 2 channel relay output (30VDC 1A), 2 channel programming alarm output 1 local siren output
- Up to 64 wireless sensors, the transmission distance is up to 1.2 km (open space/no interference)
- 8 wireless keyboards
- 4 wireless sirens
- Support 2 groups phone report, 5 private phone numbers, phone remote arming/disarming
- Support GPRS network report alarm event
- Support SMS arming/disarming, SMS event sending
- Support 4 subsystem and 1 common partition
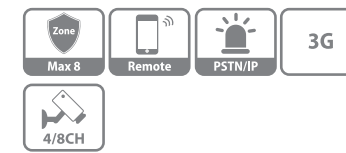- PSTN/IP Network to upload alarm signal

| Zone Max 68 | Remote | PSTN/IP | Wireless |

Coming Soon!

ARC5408B-W

Wireless Video Alarm Controller

- 8 channel wired alarm local input
- Up to 32 wireless sensors, the transmission distance is up to 1.2 km (open space/no interference)
- Up to 4 channel in Tribrid (Analog, HDCVI and IP Camera @720p)
- 1 channel linear audio input, 1 channel audio output
- 1 channel two-way talk
- 1 channel relay output, max 8 channel
- Support 3G(WCDMA) network report alarm event
- PSTN/IP Network to upload alarm signal

| Zone Max 40 | Remote | PSTN/IP | 3G |
| 4CH | Wireless |

| Zone Max 8 | Remote | PSTN/IP | 3G |
| 4/8CH |

| Zone Max 16 | Remote | PSTN/IP | GPRS |

| Zone Max 256 | Remote | PSTN/IP | GPRS |
| 2.4KM |

ARC5408C/ARC5808C

Video Alarm Controller

- 8 channel alarm input, 4 channel alarm output
- 4/8 channel analog video or network video input & 1 channel video output
- 4 channel audio input, 1 channel audio output and 1 channel IP talk
- Local storage and playback, alarm and video review
- Local GUI & web configuration
- Alarm input and output expansion modules, max expand 64
- Support 8 channel alarm keyboard input
- Remote arming/disarming
- PSTN/IP Network to upload alarm signal
- Support SMS upload to Mobile

ARC2008C/ARC2016C

Network Alarm Controller

- 8/16 channel local alarm input, 4 channel alarm output 1 siren output
- Alarm input and output expansion module, max expand 48
- Support 8 channel alarm keyboard input
- Remote arming/disarming
- PSTN/IP Network to upload alarm signal
- Support SMS upload to Mobile

ARC9016C

MBUS Alarm Controller

- 16 channel local alarm input, max 256 zones , 8 independent sub systems
- 8 channel alarm output, max 64-ch
- MBUS expansion distance may reach 2.4km
- 1 channel audio talk
- 16 channel programming keyboard input
- Remote arming/disarming
- PSTN/IP Network to upload alarm signal
- Support SMS upload to Mobile

ARC2016U

Bank Alarm Controller

- 16 channel alarm input, 14 channel alarm output
- Support two independent access control
- Audio announcement, one group audio talk
- Adopt reliable power switch, compatible with storage battery
- Remote arming/disarming
- PSTN/IP Network to upload alarm signal
- Support SMS upload to Mobile

| Zone Max 16 | Remote | PSTN/IP | GPRS |
| AC 220V | | | |

ARC6416U

Environment Detect Alarm Controller

- 16 channel alarm input, 8 channel alarm output
- 16 channel analog current collection and limited alarm (analog current value is 4~20mA)
- 5-level threshold alarm and video review
- 8 independent groups of RS485
- 1 channel audio output and 1-ch IP talk
- Local storage and playback, alarm and video review
- Local GUI & web configuration
- 4 Ethernet ports, 2 GB SFP fiber module ports
- External wide voltage (8V~48V)
- Remote arming/disarming
- IP Network to upload alarm signal
- Support SMS upload to Mobile

| Zone Max 16 | Remote | IP | 3G |
| 4CH | | | |

ARK10/11C
Alarm Keyboard

Connect with alarm controller to arm/disarm, zone settings, etc.

ARM801/802
Singel/Dual zones Expansion Module

RS485 MBUS model, applied in ARC9016C

ARM708/808
8 output /input Expansion Module

RS485 MBUS model, applied in ARC5408C/ARC9016C

ARD311/1231-W & ARA10-W & ARK20C-W
Wireless Accessories

Wireless door/PIR sensor, siren and keyboard applied in wireless alarm controller.

Based on all-in-one C/S architecture, the DSS platform plays a critical role of central management. The system is especially suitable for large-scale applications which has the capability to manage and control all alarm controllers in a single platform.