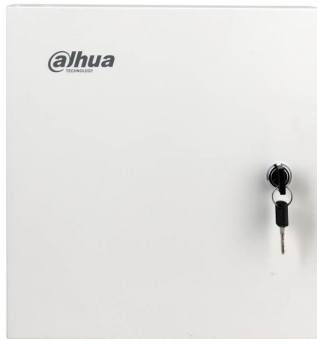# DHI-ARC3008C
Security Control Panel

· Supports more than 11 zone types.
· 7 sorts of zone terminations, including closed-circuit (NC), open-circuit (NO), end-of-line (EOL) resistors, double end-of-line (DEOL) resistors, triple end-of-line (3DEOL) resistors, inertial type for vibration detector and pulse type for roller shutter.
· Configurable zone resistance (2K7, 4K7, and 6K8).
· GSM/GPRS/LTE network ports for events SMS reporting and remote control, events vocal message reporting by dialing and remote control, and mobile phone app connection ability when Ethernet connection failed.
· Supports abnormality alarm, including network disconnection alarm, PSTN fault alarm, tampering alarm, low battery alarm, battery loss alarm, power loss alarm, and keyboard fault alarm.
· In-field firmware upgradable.
· 3 telephone numbers for monitor station (PSTN).

System Overview

This security control panel is a high performance anti-theft controller designed for the middle and small alarm solutions. It features high security and excellent stability with embedded Linux operating system and platform, so the system can run steadily with advanced controlling technology and strong data transmission ability. This product can work both independently and with professional app on mobile phone, which is convenient for remote viewing and alarm status controlling. An all-round security surveillance network is formed when the product works with professional alarm platforms, which can be widely applied for financial service centers, shops, villas, apartments, museums, libraries, office buildings and other security protection scenarios.

Technical Specification

Port

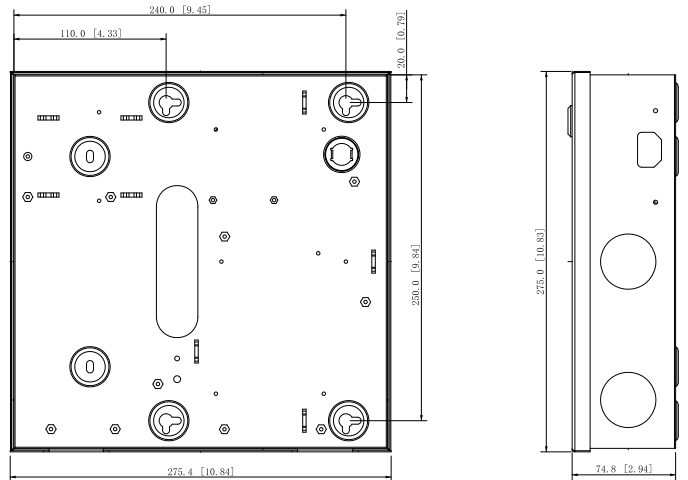|	
Alarm Input	8 on-board zones, can be expanded to 72 for zone alarm input
Alarm Output	2 on-board PGMs, can be expanded to 82 (channel 1–2: MOS outputs, channel 3–82: Relay outputs)
Network	1 RJ-45 10M/100M self-adaptive Ethernet port
PSTN	One group of PSTN RJ-11 ports for connecting to PSTN module
RS-485	2-channel RS–485 ports, support keyboard (A1B1) and expansion module (A2B2)
2G	UART port for connecting to 2G module
4G	USB port for connecting to 4G module

Siren	1 12V/1A siren output port
Battery	1 12V/7Ah battery port
Auxiliary Power Output	2 12V/1A AUX power output ports
Tamper	1 cover removal tamper switch 1 siren tamper input

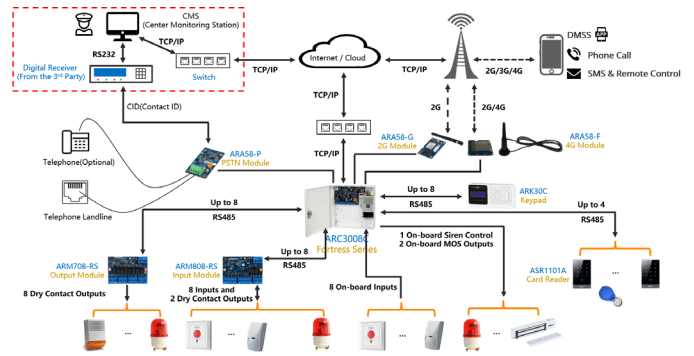### Function

SMS Notification	Supports up to 8 telephone numbers for SMS and remote control (with 2G or 4G module)
Phone Call Notification	Supports up to 8 telephone numbers for vocal message (with 2G or 4G module)
Network Protocol	TCP/IP, DHCP, static IP, P2P
Configuration Method	Keypad, client software
Arm/Disarm Method	Keyboard, swipe card, DMSS App, SMS,Schedule
External Agreement	Supports customized access to the third parties by SIA
Number of Keyboards	Max. 8 keypads
Area	8 areas
Partition	Each area includes 2 partitions
Timers	8 timers, can be used for user authorization restrictions, output linkage control, automatic arming and disarming control, and more
Power Management	Automatic switching between main power supply and backup power supply Alarm for main power loss Alarm for battery loss and battery voltage fault
Event Logs	Max. 1000

User Management	Max. 100 users 7 permission levels: Supervisor, Manager, Master, User, Temporary, Duress, and Patrol 1 TECHNICIAN
Query	Query for zone fault, system fault, program version, and signal strength
Language	English, Italian
App	DMSS App
RFID Card	Arm and disarm by swiping card (With ASR1101A/ASR1101A-D)

General

Main Power	Input: 110-220V AC, 50/60Hz Output: 14.5V DC 2.7A
Standby Power	12V DC/7Ah lead-acid battery
Power Consumption	Max. 35W
Operating Temperature	−10°C to +50°C (14°F to 122 °F)
Operating Humidity	10%–90% (RH)
Product Dimensions	275.0 mm × 275.0 mm × 77.0 mm (10.83" × 10.83" × 3.03") (L × W × H)
Installation	Wall mount
Net Weight	≤3 kg (6.61 lb)
Certification	CE: 4789104635 EN 50131-3; Security Grade 2; Environment Class II

Ordering Information

Type	Model	Description
Alarm Controller	DHI-ARC3008C	Security Control Panel
Accessories (Optional)	DHI-ARK30C	Keypad
	ARA58-P	PSTN Module
	ARA58-G-IT	2G module (embedded Italian voice)
	ARA58-G-EN	2G module (embedded English voice)
	ARA58-F-EN	4G module (embedded English voice)
	DHI-ARM808-RS	Zone expansion module (with 1 NO/NC optional relay output)
	DHI-ARM708-RS	Relay expansion module

Dimensions (mm/inch)

Application