DS-K2600 Series Access Controller

UD.6L0206D1018A01

Quick Start Guide

Thank you for purchasing our product. If there is any question or request, please do not hesitate to contact dealer.

The figures in the manual are for reference only.

This manual is applied for the following modules:

Module	Series	Device Name
Access Controller	DS-K2601	Access Controller for Single Door
	DS-K2602	Access Controller for Two Doors
	DS-K2604	Access Controller for Four Doors

About this Manual

Trademarks

Disclaimer

IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, REGARDING THIS MANUAL. HIKVISION DOES NOT WARRANT, GUARANTEE, OR MAKE ANY REPRESENTATIONS REGARDING THE USE OF THE MANUAL, OR THE CORRECTNESS, ACCURACY, OR RELIABILITY OF INFORMATION CONTAINED HEREIN. YOUR USE OF THIS MANUAL AND ANY RELIANCE ON THIS MANUAL SHALL BE WHOLLY AT YOUR OWN RISK AND RESPONSIBILITY.

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT WILL HIKVISION, ITS DIRECTORS, OFFICERS, EMPLOYEES, OR AGENTS BE LIABLE TO YOU FOR ANY SPECIAL, CONSEQUENTIAL, INCIDENTAL, OR INDIRECT DAMAGES, INCLUDING, AMONG OTHERS, DAMAGES FOR LOSS OF BUSINESS PROFITS, BUSINESS INTERRUPTION, SECURITY BREACHES, OR LOSS OF DATA OR DOCUMENTATION, IN CONNECTION WITH THE USE OF OR RELIANCE ON THIS MANUAL, EVEN IF HIKVISION HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF LIABILITY OR CERTAIN DAMAGES, SO SOME OR ALL OF THE ABOVE EXCLUSIONS OR LIMITATIONS MAY NOT APPLY TO YOU.

Support

Should you have any questions, please do not hesitate to contact your local dealer.

Regulatory information

FCC information

FCC compliance: This equipment has been tested and found to comply with the limits for a digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

FCC conditions

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

EU Conformity Statement

CE

This product and - if applicable - the supplied accessories too are marked with "CE" and comply therefore with the applicable harmonized European standards listed

under the Low Voltage Directive 2006/95/EC, the EMC Directive 2004/108/EC, the RoHS Directive 2011/65/EU.

2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: www.recyclethis.info.

2006/66/EC (battery directive): This product contains a battery that cannot be disposed of as unsorted municipal waste in the European Union. See the product documentation for specific battery information. The battery is marked with this symbol, which may include lettering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the battery to your supplier or to a designated collection point. For more information see: www.recyclethis.info.

Preventive and Cautionary Tips

Before connecting and operating your device, please be advised of the following tips:

- Ensure unit is installed in a well-ventilated, dust-free environment.
- Unit is designed for indoor use only.
- Keep all liquids away from the device.
- Ensure environmental conditions meet factory specifications.
- Ensure unit is properly secured to a rack or shelf. Major shocks or jolts to the unit as a result of dropping it may cause damage to the sensitive electronics within the unit.
- Use the device in conjunction with an UPS if possible.
- Power down the unit before connecting and disconnecting accessories and peripherals.
- A factory recommended HDD should be used for this device.
- Improper use or replacement of the battery may result in hazard of explosion. Replace with the same or equivalent type only. Dispose of used batteries according to the instructions provided by the manufacturer.

Safety Information

Signs	Description
Warning	Follow these safeguards to prevent serious injury or death.
Note	Follow these precautions to prevent potential injury or material damage.
Tips	The additional information as a complimentary of the contents.

Warnings:

- Please adopt the power adapter from the legitimate factory which can meet the safety extra low voltage (SELV) standard.
- Do not install, wiring, or uninstall when the power is still on.
- To reduce the risk of fire or electrical shock, do not expose this product to rain or moisture.
- This installation should be made by a qualified service person and should conform to all the local codes.
- If the product does not work properly, please contact your dealer or the nearest service center. Never attempt to disassemble the camera yourself. (We shall not assume any responsibility for problems caused by unauthorized repair or maintenance.)

Note:

- Please do not drop the objects on hard surface, and keep the equipment from the magnetic field. Avoid install the equipment to the vibrated or vulnerable places.
- Please do not install the device in the extreme temperature (higher than 65℃ or lower than -20℃)
- Keep ventilation.
- Do not operate in humid environment.
- Do not operate in explosive environment.
- Keep the device clean and dry.
- Avoid bare electrical wire.

Table of Contents

1. Product Description

1.1 Overview

DS-K2600 is designed with TCP/IP network interface and its signal processed with special encryption and can be run offline. Anti-tampering function is also supported.

1.2 Product Function

- The access controller is equipped with 32-bit high-speed processor;
- Support TCP/IP network communication, with self-adaptive network interface. The communication data is specially encrypted to relieve the concern of privacy leak;
- Support recognition and storage of card number with maximum length of 20;
- The access controller can store 100 thousand legal cards and 300 thousand card swiping records;
- Support multi-door interlock function, anti-passback function, multi-card function, first card open function, super card and super password function, online upgrade function and remote control of the doors;
- Support tamper-proof alarm for card reader, alarm for door not secured, force opening door alarm, alarm for door opening timeout, duress card and code alarm, blacklist alarm and alarm for illegal card swiping attempts reaching the limit.;
- The alarm input of controller supports short circuit protection function and cut-proof function;
- Support RS485 interface and Wiegand interface for accessing card reader. RS485 interface adopts dual-interface design and supports loop breakpoint detection and redundancy function; Wiegand interface supports W26,
- W34 and is seamlessly compatible with third-party card reader with Wiegand interface;
- Support various card types as normal/ disabled/ blacklist/ patrol/ guest/ duress/ super card, etc.;
- Various indicators to show different status;

- Support time synchronization via NTP, manual or automatic method;
- Support record storage function when it is offline and insufficient storage space storage alarm function;
- The access controller has backup battery design, watchdog design and tamper-proof function;
- Data can be permanently saved after the access controller is powered off.

2. Appearance

2.1 Indicators and Switches Description

2.1.1 DS-K2600 Series Indicators and Switches

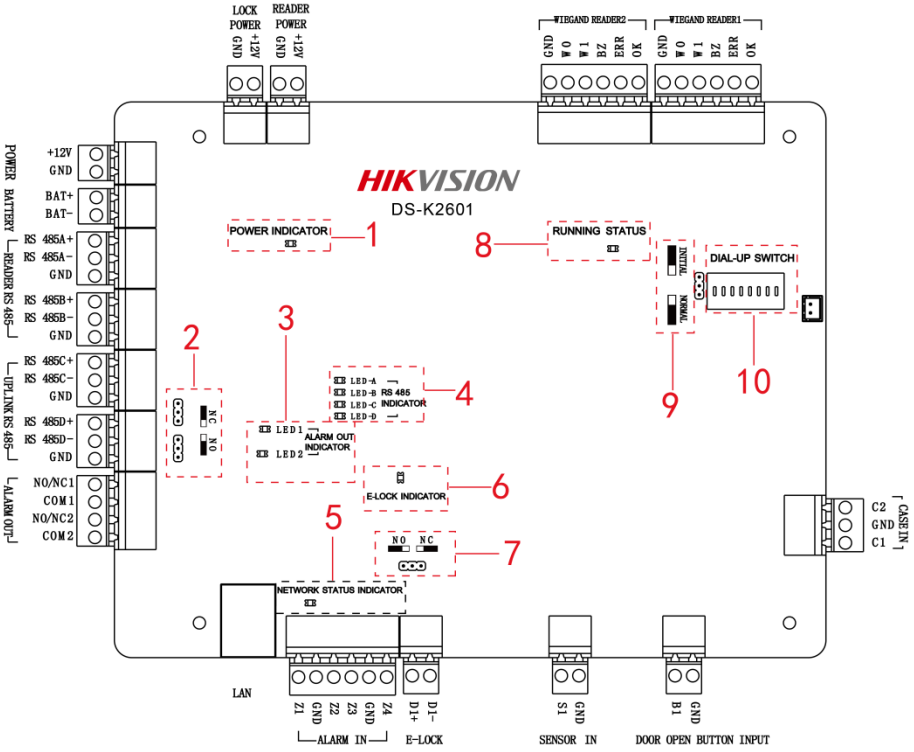

Figure 2-1 DS-K2601Indicators and Switches

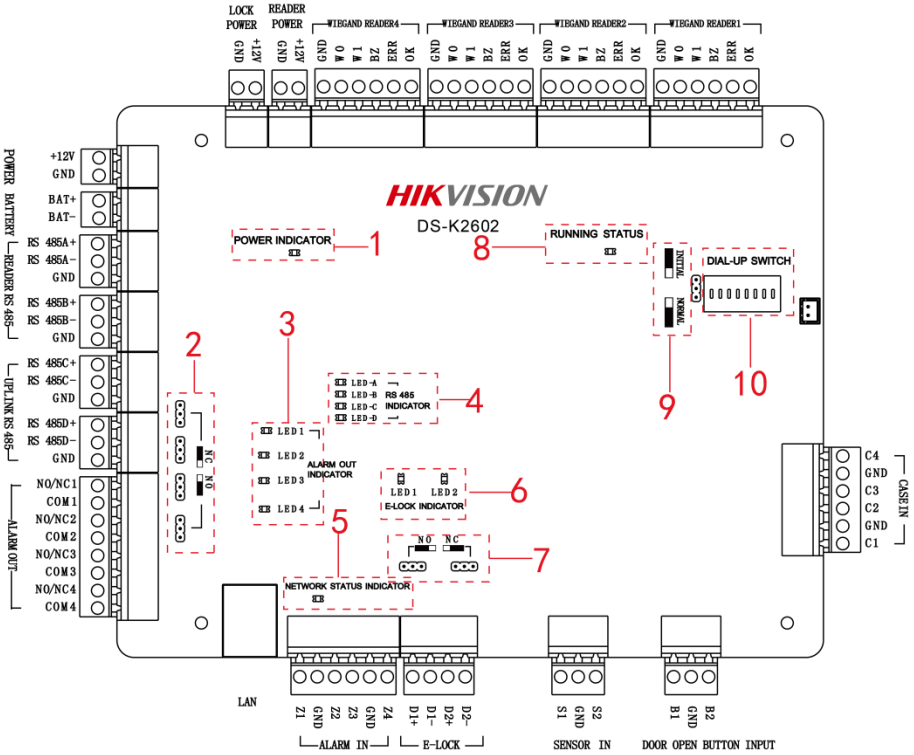

Figure 2-2 DS-K2602 Indicators and Switches

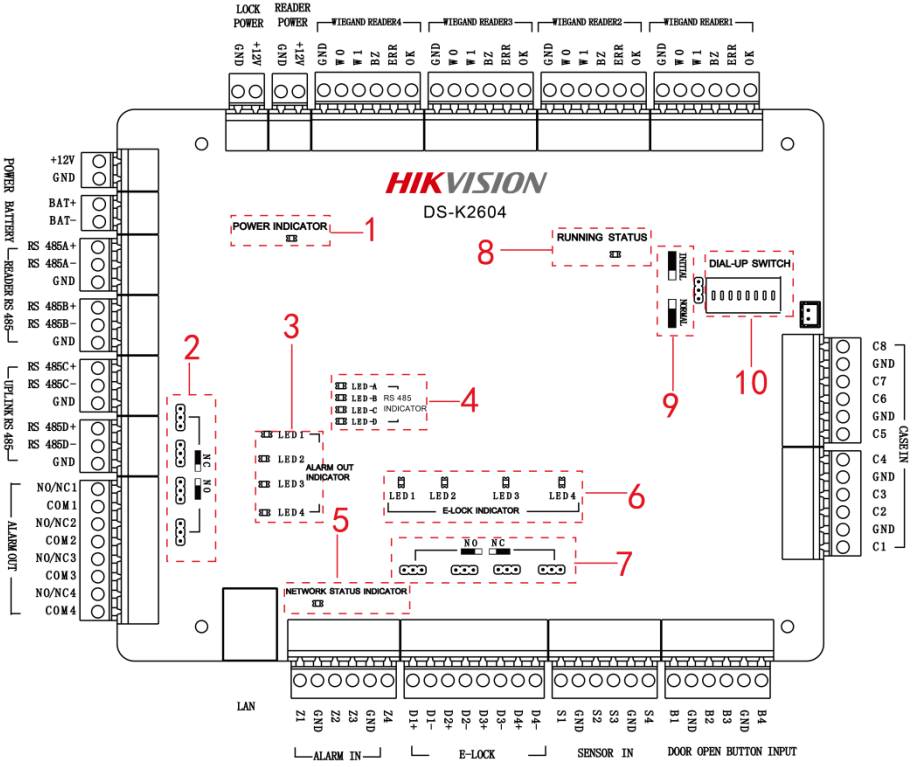

Figure 2-3 DS-K2604 Indicators and Switches

2.1.2 DS-K2600 Indicators and Switches

No.	Indicators and Switches Description		
	DS-K2601	DS-K2602	DS-K2604
1	Power Indicator		
2	Alarm Relay Output Status (NC/NO)		
3	Alarm Relay Output Indicators		
4	Downlink Reader RS485 Communication Indicator		
5	Network Status Indicator		
6	Door Relay Output Indicator		
7	Door Relay Output Status (NC/NO) Choice		
8	Running Status		
9	Hardware Initialization and Normal Working Choice		
10	Main board dial-up switch/ Reserved		

Table 2-1 DS-K2600 Series Indicators and Switches

3. Ports Description

3.1 DS-K2601Terminal Description

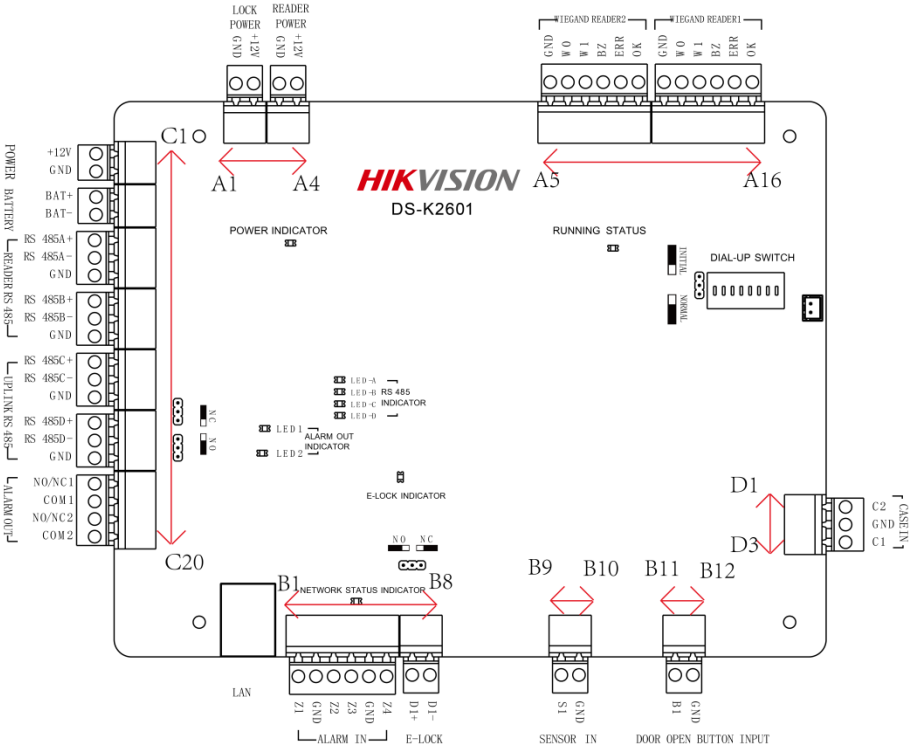

Figure 3-1 DS-K2601 Terminals

No.	DS-K2601		
A1	Lock Power	GND	Grounding
A2		+12V	Power Output of the Lock
A3	Card Reader Power	GND	Grounding
A4		+12V	Power Output of the Head Read
A5	Wiegand Card Reader 2	GND	Grounding
A6		W0	Wiegand Head Read Data Input Data0
A7		W1	Wiegand Head Read Data Input Data1
A8		BZ	Card Reader Buzzer Control Output
A9		ERR	Indicator of Card Reader Control Output (Invalid Card Output)
A10		OK	Indicator of Card Reader Control Output (Valid Card Output)
A11	Wiegand Card Reader 1	GND	Grounding
A12		W0	Wiegand Head Read Data Input Data0
A13		W1	Wiegand Head Read Data Input Data1
A14		BZ	Card Reader Buzzer Control Output
A15		ERR	Indicator of Card Reader Control Output (Invalid Card Output)
A16		OK	Indicator of Card Reader Control Output (Valid Card Output)
B1	Arming Region Input	Z1	Arming Region Access Terminal 1 (Only for Linkage of Alarm Relay Output)
B2		GND	Grounding
B3		Z2	Arming Region Access Terminal 2 (Only for Linkage of Alarm Relay Output)
B4		Z3	Arming Region Access Terminal 3 (Only for Linkage of Alarm Relay Output)
B5		GND	Grounding
B6		Z4	Arming Region Access Terminal 4 (Only for Linkage of Alarm Relay Output)

No.	DS-K2601		
B7	E-Lock	D1+	Door 1 Door Relay Input (Dry Contact)
B8		D1-	
B9	Door Contact Input	S1	Door 1 Door Contact Detector Input
B10		GND	Grounding
B11	Door Open Button	B1	Door 1 Door Open Button Input
B12		GND	Grounding
C1	Power	+12V	DC12V Cathode
C2		GND	DC12V Grounding Input
C3	Battery	BAT+	DC12V Battery Cathode
C4		BAT-	DC12V Battery Anode
C5	485 Card Reader	RS 485A+	Card Reader RS485+ Access
C6		RS 485A-	Card Reader RS485- Access
C7		GND	Grounding
C8		RS 485B+	Card Reader RS485+
C9		RS 485B-	Card Reader RS485-
C10		GND	Grounding
C11	Access Controller RS485 Interface	RS 485C+	Reserved
C12		RS 485C-	
C13		GND	
C14		RS 485D+	
C15		RS 485D-	
C16		GND	
C17	Alarm Output	NO/NC1	Alarm Relay 1 Output (Dry Contact)
C18		COM1	

No.	DS-K2601		
C19		NO/NC2	Alarm Relay 2 Output (Dry Contact)
C20		COM2	
D1	Event Input	C2	Event Alarm Input 2
D2		GND	Grounding
D3		C1	Event Alarm Input 1

Table 3-1 DS-K2601 Terminal Description

3.2 DS-K2602Terminal Description

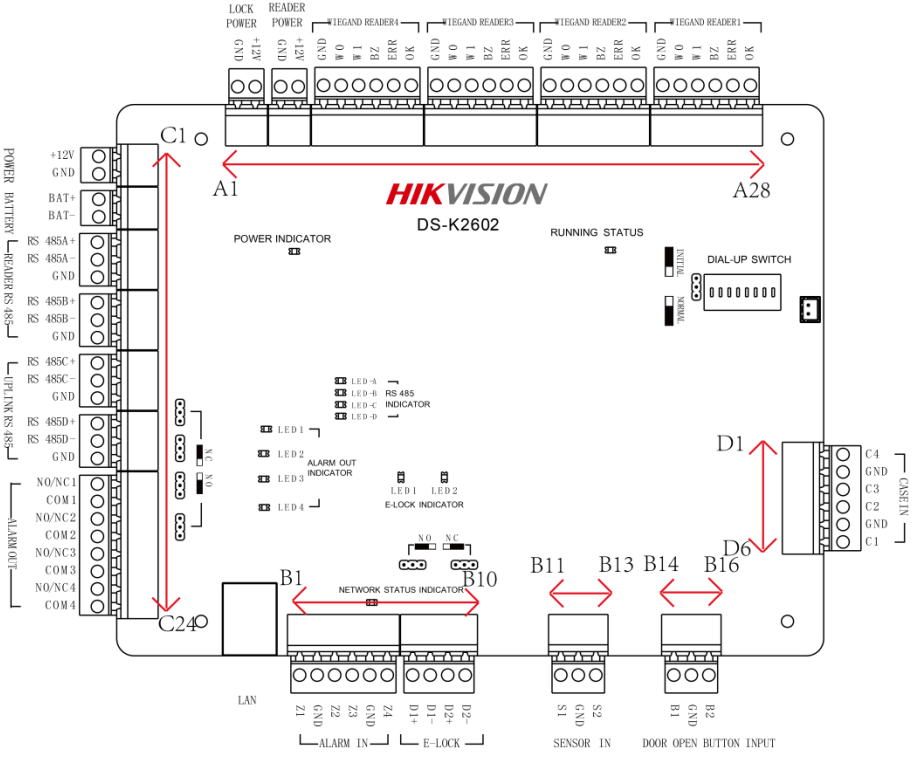

Figure 3-2 DS-K2602 Terminal Description

No.	DS-K2602		
A1	Power for E-Lock	GND	Grounding
A2		+12V	Power Output of the Lock
A3	Power for Card Reader	GND	Grounding
A4		+12V	Power Output of the Head Read
A5	Wiegand Card Reader 4	GND	Grounding
A6		W0	Wiegand Head Read Data Input Data0
A7		W1	Wiegand Head Read Data Input Data1
A8		BZ	Card Reader Buzzer Control Output
A9		ERR	Indicator of Card Reader Control Output (Invalid Card Output)
A10		OK	Indicator of Card Reader Control Output (Valid Card Output)
A11	Wiegand Card Reader 3	GND	Grounding
A12		W0	Wiegand Head Read Data Input Data0
A13		W1	Wiegand Head Read Data Input Data1
A14		BZ	Card Reader Buzzer Control Output
A15		ERR	Indicator of Card Reader Control Output (Invalid Card Output)
A16		OK	Indicator of Card Reader Control Output (Valid Card Output)
A17	Wiegand Card Reader 2	GND	Grounding
A18		W0	Wiegand Head Read Data Input Data0
A19		W1	Wiegand Head Read Data Input Data1
A20		BZ	Card Reader Buzzer Control Output
A21		ERR	Indicator of Card Reader Control Output (Invalid Card Output)
A22		OK	Indicator of Card Reader Control Output (Valid Card Output)
A23	Wiegand	GND	Grounding

No.	DS-K2602		
A24	Card Reader 1	W0	Wiegand Head Read Data Input Data0
A25		W1	Wiegand Head Read Data Input Data1
A26		BZ	Card Reader Buzzer Control Output
A27		ERR	Indicator of Card Reader Control Output (Invalid Card Output)
A28		OK	Indicator of Card Reader Control Output (Valid Card Output)
B1	Arming Region	Z1	Arming Region Access Terminal 1 (Only for Linkage of Alarm Relay Output)
B2		GND	Grounding
B3		Z2	Arming Region Access Terminal 2 (Only for Linkage of Alarm Relay Output)
B4		Z3	Arming Region Access Terminal 3 (Only for Linkage of Alarm Relay Output)
B5		GND	Grounding
B6		Z4	Arming Region Access Terminal 4 (Only for Linkage of Alarm Relay Output)
B7	E-Lock1	D1+	Door 1 Door Relay Input (Dry Contact)
B8		D1-	
B9	E-Lock2	D2+	Door 2 Door Relay Input (Dry Contact)
B10		D2-	
B11	Door Magnetics Detector	S1	Door 1 Magnetic Detector Input
B12		GND	Signal Grounding
B13		S2	Door 2 Magnetic Detector Input
B14	Door Button	B1	Door 1 Door Button Input
B15		GND	Signal Grounding
B16		B2	Door 2 Door Button Input
C1	Power	+12V	DC12V Cathode
C2		GND	Grounding

No.	DS-K2602		
C3	Battery	BAT+	DC12V Battery Cathode
C4		BAT-	DC12V Battery Anode
C5	Card Reader 485 Interface	RS 485A+	Card Reader RS485+ Access
C6		RS 485A-	Card Reader RS485- Access
C7		GND	Grounding
C8		RS 485B+	Card Reader RS485+
C9		RS 485B-	Card Reader RS485-
C10		GND	Grounding
C11	RS-485 Interface	RS 485C+	Reserved
C12		RS 485C-	
C13		GND	
C14		RS 485D+	
C15		RS 485D-	
C16		GND	
C17	Alarm Output	NO/NC1	Alarm Relay 1 Output (Dry Contact)
C18		COM1	
C19		NO/NC2	Alarm Relay 2 Output (Dry Contact)
C20		COM2	
C21		NO/NC3	Alarm Relay 3 Output (Dry Contact)
C22		COM3	
C23		NO/NC4	Alarm Relay 4 Output (Dry Contact)
C24		COM4	
D1	Event Input	C4	Event Alarm Input 4
D2		GND	Grounding
D3		C3	Event Alarm Input3

No.	DS-K2602		
D4		C2	Event Alarm Input 2
D5		GND	Grounding
D6		C1	Event Alarm Input 1

Table 3-2 DS-K2602 Terminal Description

3.3 DS-K2604 Terminal Description

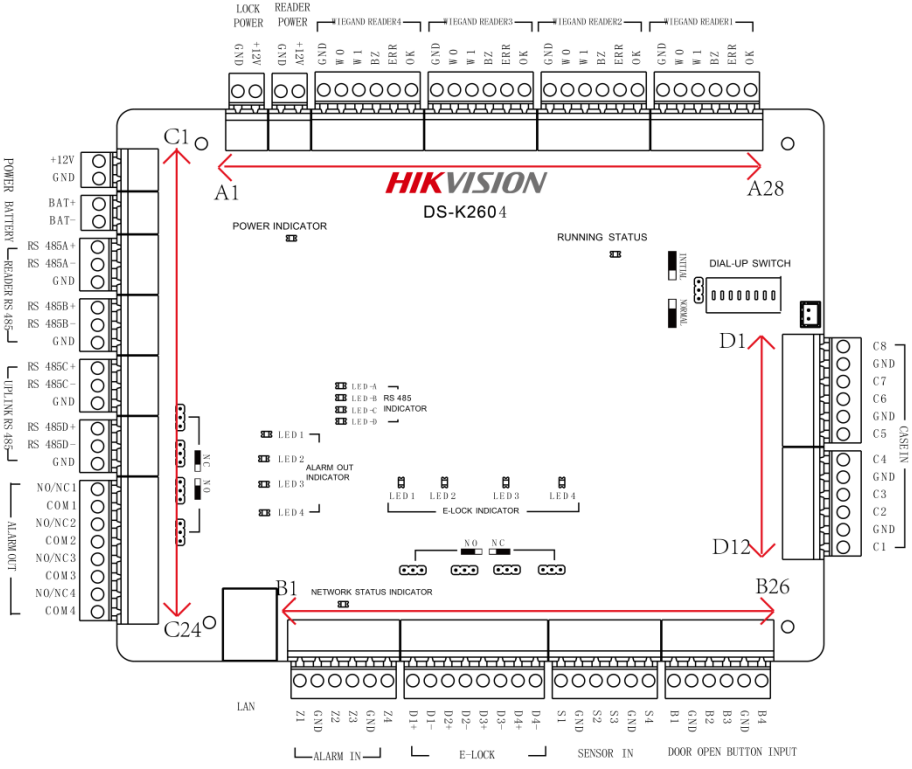

Figure 3-3 DS-K2604 Access Controller Terminals

No.	DS-K2604		
A1	Power Supply of E-Lock	GND	Grounding
A2		+12V	Power Supply of E-Lock Output
A3	Power Supply of Card Reader	GND	Grounding
A4		+12V	Power Supply of Card Reader Output
A5	Wiegand Card Reader 4	GND	Grounding
A6		W0	Wiegand Card Reader Data Input Data0
A7		W1	Wiegand Card Reader Data Input Data1
A8		BZ	Buzzer of Card Reader Control Output
A9		ERR	Cresset of Card Reader Control Output (Invalid Card Output)
A10		OK	Cresset of Card Reader Control Output (Valid Card Output)
A11	Wiegand Card Reader 3	GND	Grounding
A12		W0	Wiegand Card Reader Data Input Data0
A13		W1	Wiegand Card Reader Data Input Data1
A14		BZ	Buzzer of Card Reader Control Output
A15		ERR	Cresset of Card Reader Control Output (Invalid Card Output)
A16		OK	Cresset of Card Reader Control Output (Valid Card Output)
A17	Wiegand Card Reader 2	GND	Grounding
A18		W0	Wiegand Card Reader Data Input Data0
A19		W1	Wiegand Card Reader Data Input Data1
A20		BZ	Buzzer of Card Reader Control Output
A21		ERR	Cresset of Card Reader Control Output (Invalid Card Output)
A22		OK	Cresset of Card Reader Control Output (Valid Card Output)

No.	DS-K2604		
A23	Wiegand Card Reader 1	GND	Grounding
A24		W0	Wiegand Card Reader Data Input Data0
A25		W1	Wiegand Card Reader Data Input Data1
A26		BZ	Buzzer of Card Reader Control Output
A27		ERR	Cresset of Card Reader Control Output (Invalid Card Output)
A28		OK	Cresset of Card Reader Control Output (Valid Card Output)
B1	Arming Region Input	Z1	Arming Region Access Terminal 1 (Only for Linkage of Alarm Relay Output)
B2		GND	Grounding
B3		Z2	Arming Region Access Terminal 2 (Only for Linkage of Alarm Relay Output)
B4		Z3	Arming Region Access Terminal 3 (Only for Linkage of Alarm Relay Output)
B5		GND	Grounding
B6		Z4	Arming Region Access Terminal 4 (Only for Linkage of Alarm Relay Output)
B7	E-Lock 1	D1+	Door 1 Door Relay Input (Dry Contact)
B8		D1-	
B9	E-Lock 2	D2+	Door 2 Door Relay Input (Dry Contact)
B10		D2-	
B11	E-Lock 3	D3+	Door 3 Door Relay Input (Dry Contact)
B12		D3-	
B13	E-Lock 4	D4+	Door 4 Door Relay Input (Dry Contact)
B14		D4-	
B15	Door	S1	Door 1 Magnetic Detector Input

No.	DS-K2604		
B16	Magnetics Input	GND	Signal Grounding
B17		S2	Door 2 Magnetic Detector Input
B18		S3	Door 3 Magnetic Detector Input
B19		GND	Signal Grounding
B20		S4	Door 4 Magnetic Detector Input
B21	Door Button	B1	Door 1 Door Button Input
B22		GND	Signal Grounding
B23		B2	Door 2 Door Button Input
B24		B3	Door 3 Door Button Input
B25		GND	Signal Grounding
B26		B4	Door 4 Door Button Input
C1	Power	+12V	DC12V Cathode
C2		GND	Grounding
C3	Battery	BAT+	DC12V Battery Cathode
C4		BAT-	DC12V Battery Anode
C5	Card Reader RS485	RS 485A+	Card Reader RS485A+
C6		RS 485A-	Card Reader RS485A-
C7		GND	Grounding
C8		RS 485B+	Card Reader RS485B+
C9		RS 485B-	Card Reader RS485B-
C10		GND	Grounding
C11	Access Controller RS485	RS 485C+	Reserved
C12		RS 485C-	
C13		GND	
C14		RS 485D+	
C15		RS 485D-	

No.	DS-K2604		
C16		GND	
C17	Alarm Output	NO/NC1	Alarm Relay 1 Output (Dry Contact)
C18		COM1	
C19		NO/NC2	Alarm Relay 2 Output (Dry Contact)
C20		COM2	
C21		NO/NC3	Alarm Relay 3 Output (Dry Contact)
C22		COM3	
C23		NO/NC4	Alarm Relay 4 Output (Dry Contact)
C24		COM4	
D1	Event Input	C8	Event Alarm Input 8
D2		GND	Grounding
D3		C7	Event Alarm Input 7
D4		C6	Event Alarm Input 6
D5		GND	Grounding
D6		C5	Event Alarm Input 5
D7		C4	Event Alarm Input 4
D8		GND	Grounding
D9		C3	Event Alarm Input3
D10		C2	Event Alarm Input 2
D11		GND	Grounding
D12		C1	Event Alarm Input 1

Table 3-3 DS-K2604 Port Description

Note:

1) The correct connection of the access control host is crucial for its proper running.

2) The Alarm input hardware interface is normally open by default. So only the normally open signal is allowed. It can be linked to the buzzer of the card reader and access controller, and the alarm relay output and open door relat output.

3) Arming region alarm inpt is only for the alarm relay output linkage.

4) RS485 card ID should be set as 1to 8. For example, the ID of door 1 is 1 and 2 standing for in and out respectively.

4. Connecting the Access Control Host

The access control host usually works with the card reader, the door lock, the magnetics contact, the door button and other access control devices. To use the access control host properly, you must connect the wires correctly.

4.1 A Display of Inside of the Access Controller

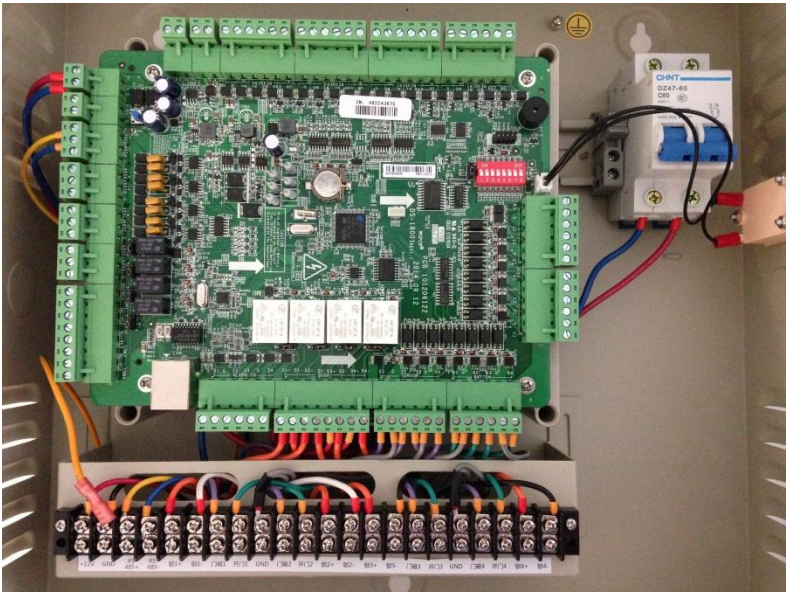

Figure 4-1 Inside Look of Access Controller

4.2 External Terminal Description

4.2.1 DS-K2601 External Terminals

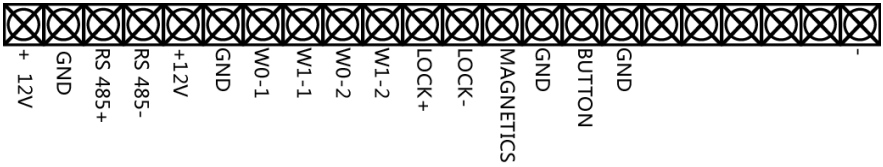

Figure 4-2 DS-K2601 External Terminals

4.2.2 DS-K2602 External Terminals

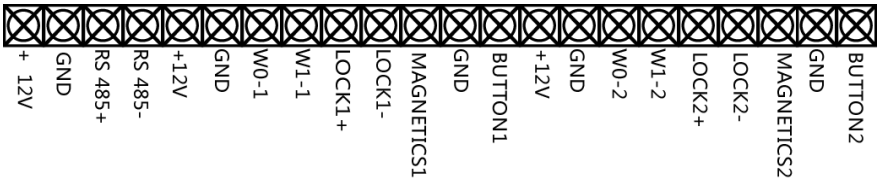

Figure 4-3 DS-K2602 External Terminals

4.2.3 DS-K2604 External Terminals

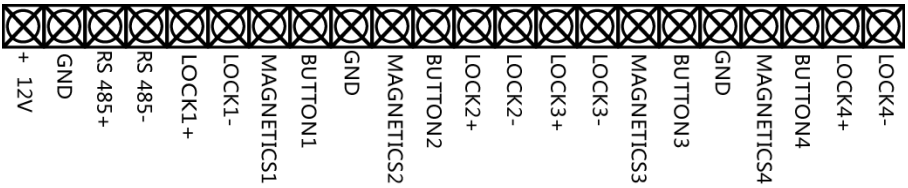

Figure 4-4 DS-K2604 External Terminals

4.3 Connecting Card Reader to Access Control Host

There are two kinds of card you can connect, the Wiegand card reader and the RS-485 card reader.

4.3.1 The Connection of Wiegand Card Reader

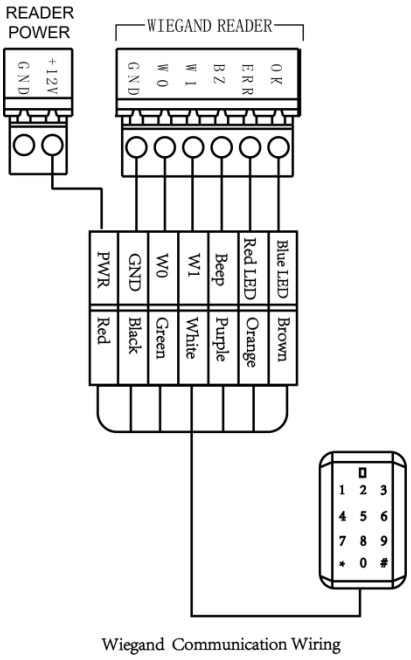

Figure 4-5 Wiring diagram of Wiegand card reader

Note:

You must connect the OK/ERR/BZ, if using access controller to control the LED and buzzer of the Wiegand card reader.

4.3.2 RS485 Card Reader Connection

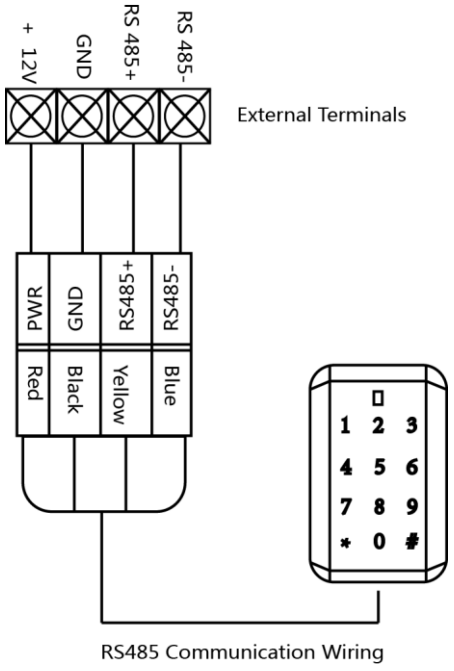

Figure 4-6 Wiring diagram of RS485

4.4 Connecting E-Lock to Access Controller

4.4.1 Connecting to Cathode Lock

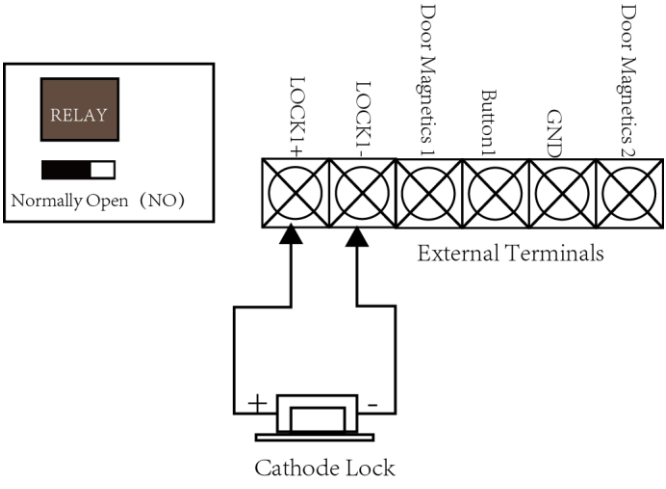

Figure 4-7 Wiring diagram of cathode lock

4.4.2 Connecting to Anode Lock

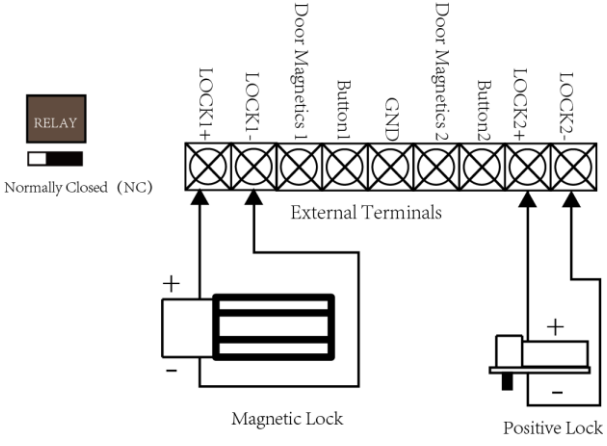

Figure 4-8 Wiring diagram of anode lock

4.5 Connecting the External Alarm Device

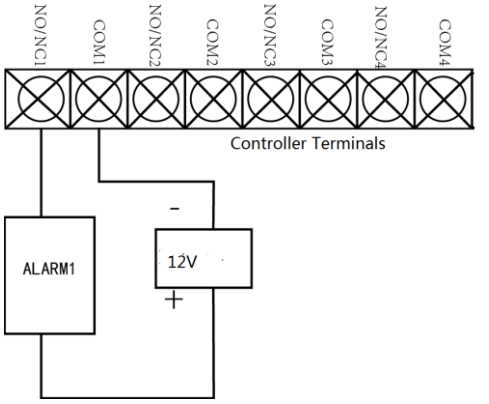

Figure 4-9 External Alarm Device Connection

4.6 Connecting Door Button

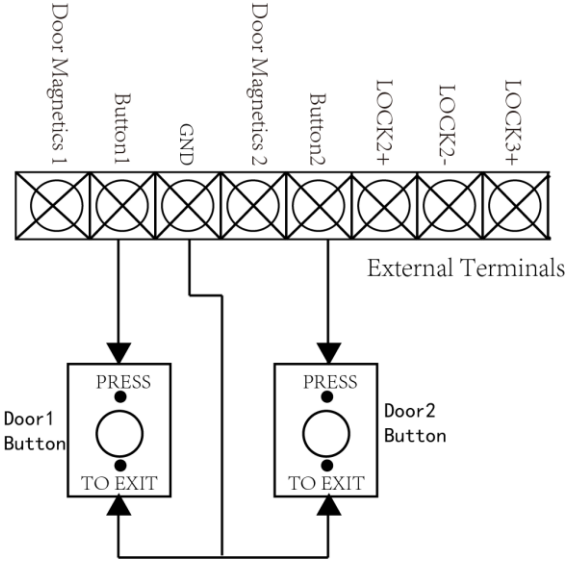

Figure 4-10 Power Button Connection

4.7 Connecting Door Magnetics

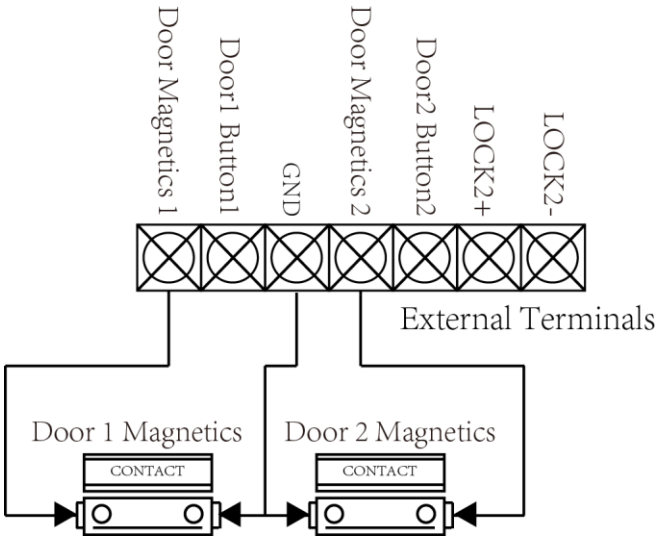

Figure 4-11 Magnetics Connection

4.8 Connecting Power Supply

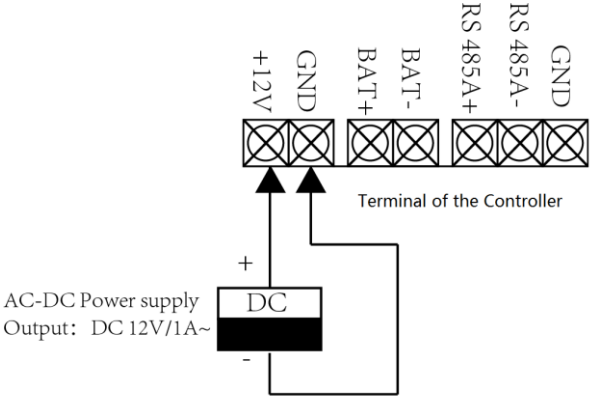

Figure 4-12 Power Supply Connection

4.9 Arming Region Input Terminal Connection

4.9.1 Connecting Normally Open Detector

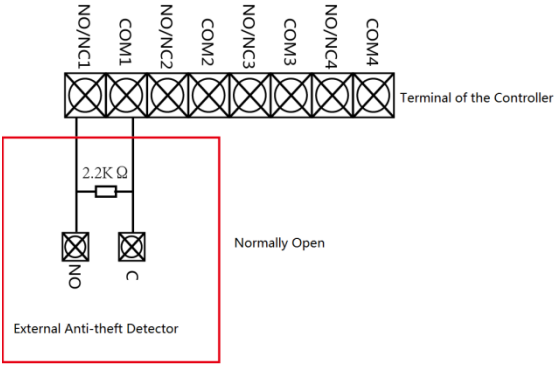

Figure 4-13 Normally Open Status

4.9.2 Connecting Normally Closed Detector

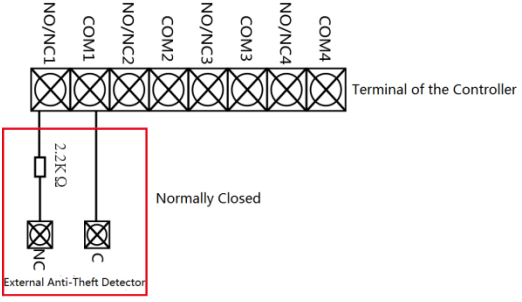

Figure 4-14 Normally Closed Status

5. Configuring Access Control Host

5.1 Initializing the Hardware

Steps:

1. The jumper cap jumps from Normal to Initial.
2. Disconnect the power and restart the access controller, the controller buzzer buzzes a long warning.
3. After the buzzer stops, jump the jumper cap back to Normal.
4. Disconnect the power and restart the access controller.

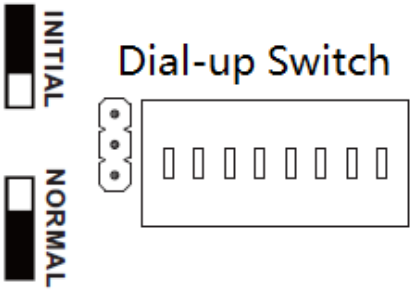

Figure 5-1 Initialization Dial-up

Note:

The initializing of the hardware will restore all the parameters to the default setting and all devices event are wiping out.

5.2 Relay Input NO/NC

5.2.1 Lock Relay Output

5.2.1.1 Lock Relay Normally Open Status

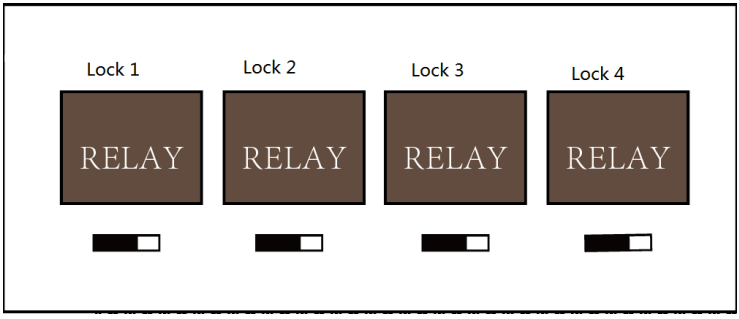

Figure 5-2 Normally Open Status

5.2.1.2 Lock Relay Normally Closed Status

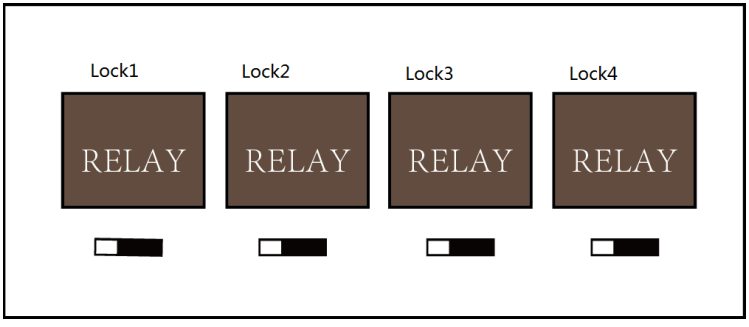

Figure 5-3 Normally Closed Status

5.2.2 Alarm Relay Output Status

5.2.2.1 Alarm Relay Output Normally Open

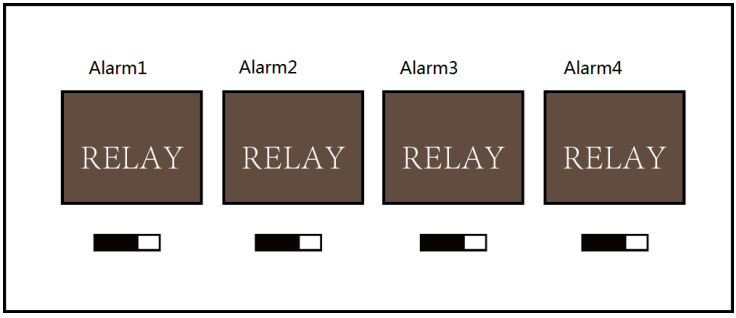

Figure 5-4 Alarm Relay Output Normally Open

5.2.2.2 Alarm Relay Output Normally Closed

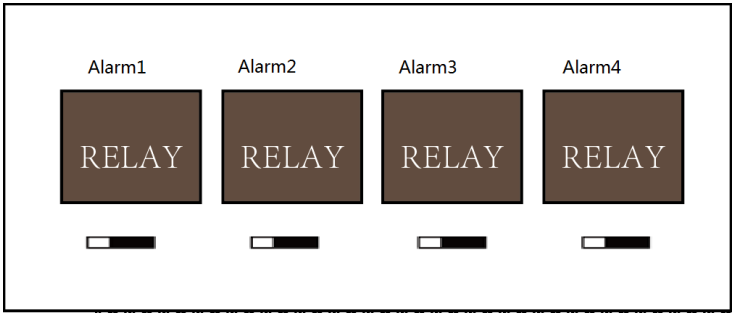

Figure 5-5 Normally Closed Status

6. Configuring the Access Controller via Ivms-4200 Client

After you done all the physical connections, you can configure the access controller via the client software, such as the permission control, the card reader and access controller management, the user management and access controller event management.

For detailed information, please see the user manual of the client software.

Refer to the following work flow:

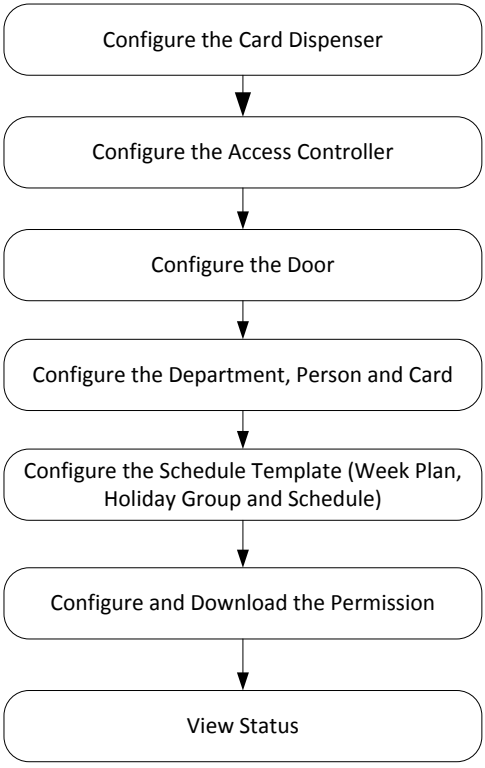

Figure 6-1 Software Client Work Flow

7. Specification

Module	DS-K2601	DS-K2602	DS-K2604
Power	DC 12V/1A		
Processor	32bit		
Capacity	16M		
Uplink Communication Interface	TCP/IP Interface and RS-485 Interface		
Downlink Communication Interface	RS-485 and Wiegand		
Normal Card/ Event Log	100,000 normal card and 300,000 card wiping logs Expandable for 200,000 normal cards and 600,000 card wiping logs.		
LED Indicators	Power Status, Communication Status, Exception Status		
Embedded Timer	Yes		
Card Readers	2* RS485 Card Reader and 2* Wiegand Card Reader	4* RS485 Card Reader and 4* Wiegand Card Reader	8* RS485 Card Reader and 4* Wiegand Card Reader
Input Port	Alarm Input*4, Door Magnetics*1, Door Button*1, Case Input*2, Anti-Tamper*1	Alarm Input*4, Door Magnetics*2, Door Button*2, Case Input*4, Anti-Tamper*1	Alarm Input*4, Door Magnetics*4, Door Button*4, Case Input*8, Anti-Tamper*1
Output Port	Door Relay * 1 Alarm Relay * 2	Door Relay * 2 Alarm Relay * 4	Door Relay * 4 Alarm Relay * 4
Working	-20℃--+65℃		

Temperature	
Working Humidity	10%--90%(noncondensing)
Dimension	370mm(L)*345mm(w)*90mm(H)

Table 6-1 DS-K2600 Specification

First Choice for Security Professionals