## HIKVISION

# **DS-K2600 Series**

**Network Access Controller** 

DS-K2600 series access controller is designed with latest structure with TCP/IP and RS485 communication interface. The communication data is encrypted to improve the security of system. The controller also supports offline operation and is designed with tamper-proof switch.



#### MODELS

DS-K2601 Single-door Access Controller DS-K2602 Double-door Access Controller DS-K2604 Four-door Access Controller

#### MAIN FEATURES

- 32-bit high-speed processor
- TCP/IP network communication, with self-adaptive network interface. The communication data is encrypted to ensure information security
- The recognition and storage of card number with maximum 20 digits
- Massive storage with 100,000 (can be expended to 200,000) cards information and 300,000 (can be expended to 600,000) access control events
- Supports multi-door interlocking function (DS-K2602, and DS-K2604), anti-passback function, multi-card function, first card function, super card and super password function
- Online upgrade function and online remote

control of the doors

- Supports alarm event upload (including tamper-proof alarm, unsecured door alarm, forced entry alarm, delayed door alarm, duress card and code alarm, blacklist alarm and alarm for invalid card swiping attempts alarm)
- Short circuit attempts alarm and open circuit attempts alarm
- Supports zone alarm input
- Supports RS485 interface and Wiegand interface for accessing card reader. Wiegand interface supports W26/W34 and is seamlessly compatible with third-party card reader with Wiegand interface
- Supports various card types such as normal/ disabled/ blacklist/ patrol/ guest/ duress/

super card, etc.

- Various indicators to show different device 
   status
- Supports time synchronization via NTP, 

   manual or automatic method
- Supports standby battery
- Watchdog for device running status detection
- Data can be permanently saved when the access controller is powered off

#### **TYPICAL APPLICATOIN**



#### **Topological Graph**

	iVMS-4200	Access Control System	jiangye 🏵 🧰 🛗 12:33:00 🔒 🗕 🖛 🗙
Control Panel			
Access Control			
Status Monitor Display access control status, access control function.	Access Control Event Display access control event, and card holder.	Event Search Search access control event history information.	
Access Control Permission Configuration			
Person Management           The adding, deleting and access control and door group.           Advanced Function           Advanced Parameters, including and pasaing back,	Card Management The management of card.	Template The adding, deleting and editing of duration, week plan and holiday.	Status Duration Configure the door state durations.
multi-door interlocking.	control permission.	<b></b>	
Access Control Hardware Configuration		System Maintenance	
Controller Management The adding, deleting and editing of access control and card reader.	Access Control Point The adding, deleting and editing of person and department.	Log Search Search configuration and control log.	System Configuration Configure parameters for normal system and card dispatcher.

**Client Software Interface** 

### SPECIFICATION

Model	DS-K2601	DS-K2602	DS-K2604
Working Voltage	DC 12V/1A	DC 12V/1A	DC 12V/1A
Power Dissipation (with Load)	≤50W	≤100W	≤100W
Power Dissipation (Without Load)	≤4W	≤4W	≤4W
Processor	32-bit	32-bit	32-bit
Capacity	16M	16M	16M
Uplink Communication Interface	TCP/IP, RS-485	TCP/IP, RS-485	TCP/IP, RS-485
Downlink Communication Interface	RS-485, Wiegand (W26/W34)	RS-485, Wiegand (W26/W34)	RS-485, Wiegand (W26/W34)
Storage	Cards Information: 100,000 (200,000 Expandable) Access Control Events : 300,000 (600,000 Expandable)	Cards Information: 100,000 (200,000 Expandable) Access Control Events : 300,000 (600,000 Expandable)	Cards Information: 100,000 (200,000 Expandable) Access Control Events: 300,000 (600,000 Expandable)
LED Indicator	Power Supply Status, Communication Status, Working Status	Power Supply Status, Communication Status, Working Status	Power Supply Status, Communication Status, Working Status
Built-in Clock	Yes	Yes	Yes
Accessible Card Reader	2 Card Readers (RS485 Interface), 2 Card Readers (Wiegand Interface)	4 Card Readers (RS485 Interface); 4 Card Readers (Wiegand Interface)	8 Card Readers (RS485 Interface), 4 Card Readers (Wiegand Interface)
Input Interface	Alarm Input × 4, Door Sensor × 1, Exit Button × 1, Case Input×2, Tamper Alarm × 1	Alarm Input × 4, Door Sensor × 2, Exit Button × 2, Case Input × 4, Tamper Alarm × 1	Alarm Input × 4, Door Sensor × 4, Exit Button × 4, Case Input×8, Tamper Alarm × 1
Output Interface	Lock Relay × 1, Alarm Relay × 2	Door Relay × 2, Alarm Relay × 4	Lock Relay × 4, Alarm Relay × 4

Model	DS-K2601	DS-K2602	DS-K2604
Working	-20°C to +65°C	-20°C to +65°C	-20°C to +65°C
Temperature	(-4°F to +149°F)	(-4°F to +149°F)	(-4°F to +149°F)
Working	10% to 90%	10% to 90%	10% to 90%
Humidity	(Non-Condensing)	(Non-Condensing)	(Non-Condensing)
Dimensions	370mm x 345mm x 90 mm	370mm x 345mm x 90mm	370mm × 345mm × 90mm
(L×W×H)	(14.6" x 13.6" x 3.5")	(14.6" x 13.6" x 3.5")	(14.6" × 13.6" × 3.5")
Certification	CE, FCC	CE, FCC	CE, FCC