

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.



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

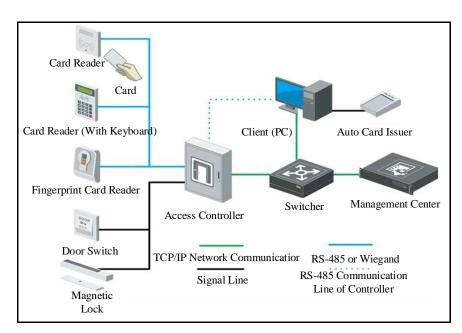
- 32-bit high-speed processor;
- TCP/IP network communication, with self-adaptive network interface.
 Thecommunication data is encrypted to ensure information security;
- The recognition and storage of card number with maximum 20 digits;
- Massive storage with 100,000(can be expended to 200,000) cards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

control of the doors;

- Supportsalarm 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/W34and 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.



Topological Graph

			iVMS-4200	Access Control System	jiangye 💮 🕻	🛛 🋗 12:33:00 🔒 🗕 🗖 🛪	
<u> </u>	Control Panel						
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Access C	ontrol						
e	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 C	Access Control Permission Configuration						
2	Person Management The adding, deleting and editing of access control and door group. Advanced Function	<u>e</u>	Card Management The management of card. Access Permission	Template The adding, deleting and delting of duration, week plan and holiday.	└ ₼ ∘	tatus Duration onfigure the door state urations.	
	Advanced Parameters, including anti-passing back, multi-door interlocking.	LA	The adding, deleting and downloading of access control permission.				
Access C	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.		ystem Configuration onfigure parameters for ormal system and card ispatcher.	

Client Software Interface

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
Processor	32-bit	32-bit	32-bit
Capacity	16M	16M	16M
Uplink Communication Interface	TCP/IP Network Interface and RS-485 Interface	TCP/IP Network Interface and RS-485 Interface	TCP/IP Network Interface and RS-485 Interface
Downlink Communication Interface	RS-485 and Wiegand (w26/w34)	RS-485 and Wiegand(w26/w34)	RS-485 and 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) and 2 Card Readers (Wiegand Interface) Connectable	4 Card Readers (RS485 Interface)and 4 Card Readers (Wiegand Interface) Connectable	8 Card Readers (RS485 Interface) and 4 Card Readers (Wiegand Interface) Connectable
Input Interface	Alarm Input×4, Door Magnetic×1, Door Switch×1, Case Input×2, Tamper-proof×1	Alarm Input×4, Door Magnetic×2, Door Switch×2, Case Input×4, Tamper-proof×1	Alarm Input×4, Door Magnetic×4, Door Switch×4, Case Input×8, Tamper-proof ×1
Output Interface	Door Switch Relay×1, Alarm Relay×1	Door Switch Relay×2, Alarm Relay×2	Door Switch Relay×4, Alarm Relay×4
Working Temperature	-20°C to +65°C (-4°F to +149°F)	-20°C to +65°C (-4°F to +149°F)	-20°C to +65°C (-4°F to +149°F)

Model	DS-K2601	DS-K2602	DS-K2604	
Working Humidity	10% to 90%	10% to 90%	10% to 90%	
	(Non-Condensing)	(Non-Condensing)	(Non-Condensing)	
Dimensions (L×W×H)	370x345x90mm	370x345x90mm	370×345×90mm	
	(14.6x13.6x3.5")	(14.6x13.6x3.5")	(14.6×13.6×3.5")	
Certification	CE, FCC	CE, FCC	CE, FCC	