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
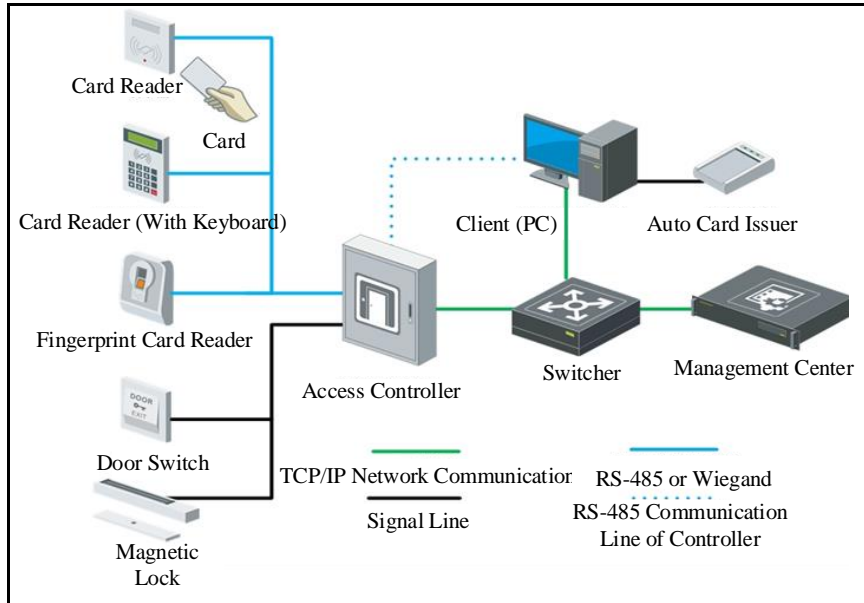DS-K2602 Double-door Access Controller
DS-K2604 Four-door Access Controller
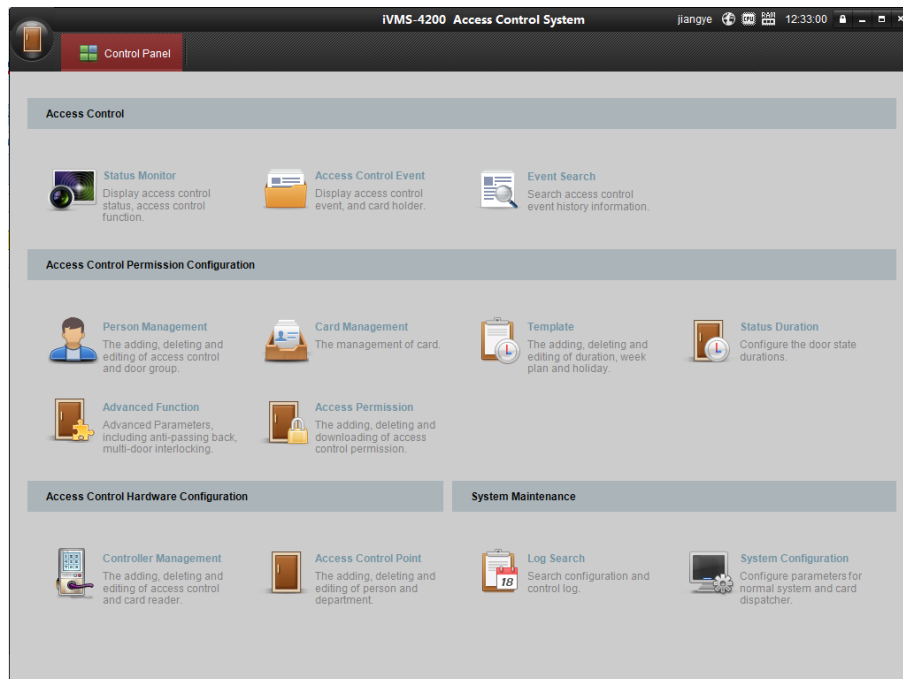
MAIN FEATURES

- 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

Client Software Interface

SPECIFICATION

Model	DS-K2601	DS-K2602	DS-K2604
Power Supply	100 V~240 V, 2 A	100 V~240 V	100 V~240 V
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 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)
Working Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Dimensions (L×W×H)	370mm x 345mm x 90 mm (14.6" x 13.6" x 3.5")	370mm x 345mm x 90mm (14.6" x 13.6" x 3.5")	370mm × 345mm × 90mm (14.6" × 13.6" × 3.5")
Certification	CE, FCC	CE, FCC	CE, FCC