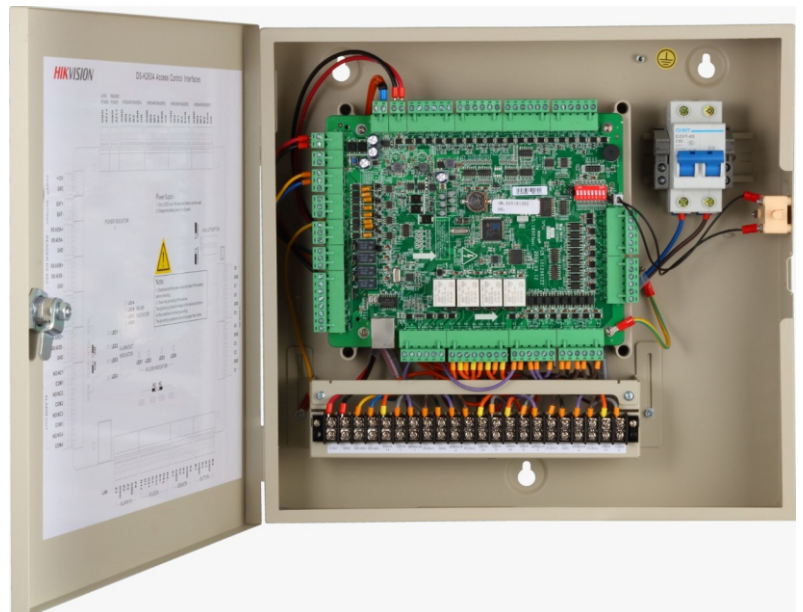


# Fingerprint Based Door Controller

## ULtraAC2602/2604



**Closed Status**



**Opened Status**

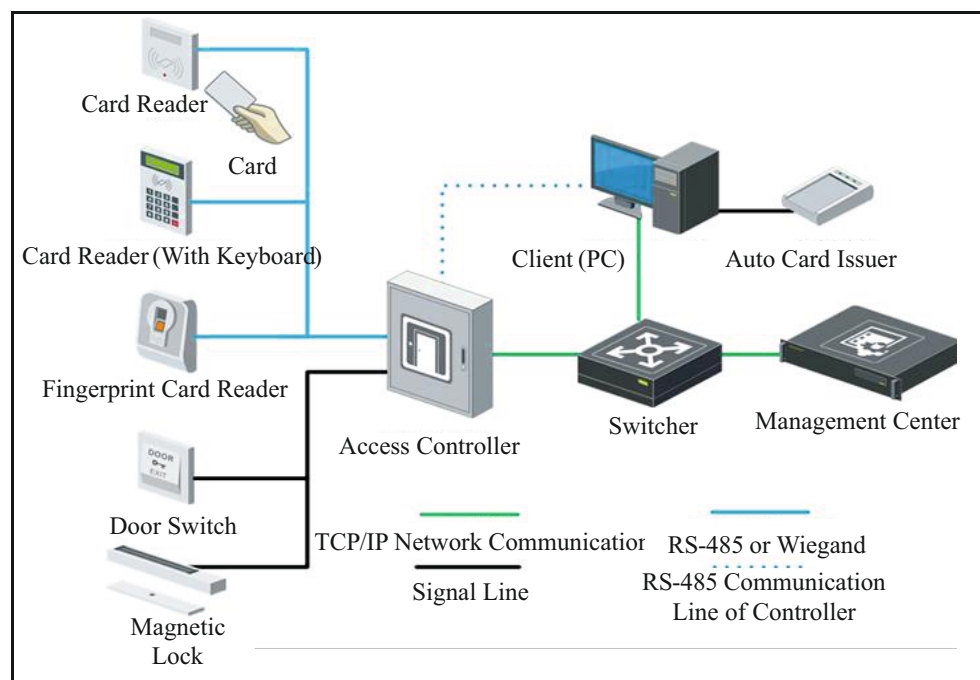
## Overview

ULtraAC2602/2604 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.

# 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 expanded to 200,000) cards information and 300,000 (can be expanded 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
- Various indicators to show different device status
- Supports time synchronization via NTP, manual or automatic method
- 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 attempt 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
- Supports standby battery
- Watchdog for device running status detection
- Data can be permanently saved when the access controller is powered off
- **Support Fingerprint Reader for data**
- **Controller has individual memory**
- **Support ULtraFP1201 Reader**

## Typical Application



Topological Graph

# Technical Features

Model	ULtraAC2602	ULtraAC2604
Working Voltage	DC 12V/1A	DC 12V/1A
Power Dissipation (with Load)	≤100W	≤100W
Power Dissipation (Without Load)	≤4W	≤4W
Processor	32-bit	32-bit
Capacity	16M	16M
Uplink Communication Interface	TCP/IP, RS-485	TCP/IP, RS-485
Downlink Communication Interface	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)
LED Indicator	Power Supply Status, Communication Status, Working Status	Power Supply Status, Communication Status, Working Status
Built-in Clock	Yes	Yes
Accessible Card Reader	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 × 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	Door Relay × 2, Alarm Relay × 4	Lock Relay × 4, Alarm Relay × 4

## Technical Features

Model	ULtraAC2602	ULtraAC2604
Working Temperature	-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)
Dimensions (L×W×H)	370mm x 345mm x 90mm (14.6" x 13.6" x 3.5")	370mm x 345mm x 90mm (14.6" x 13.6" x 3.5")
Certi cation	CE, FCC	CE, FCC



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