



TIMEWATCH[®]
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UltraAC200/400
Network Access Controller

OVERVIEW

UltraAC200/400 is a series of powerful and stable access controller, using the logical architecture design. The uplink and downlink adopt TCP/IP and Wiegand communicate respectively. Its signal processed with special encryption and can be run offline. Anti-tampering function is also supported.

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

Supports Wiegand interface for accessing card reader. Wiegand interface supports W26/ W34 and is seamlessly compatible with third-party card reader

Massive storage with 10,000 cards information and 50,000 card swiping records

Supports first card function, super card and super password function, online upgrade function and online remote control of the
Supports time synchronization via NTP, manual or automatic method

Watchdog for device running status detection

Data can be permanently saved when the

doors

Supports various card types such as normal/disabled/blacklist/patrol/visitor/duress/super card, etc.

Supports tamper-proof alarm for card reader, unsecured door alarm, forced entry door alarm, alarm for door opening timeout, duress alarm, and alarm for invalid card swiping attempts alarm, case in alarm and restore, insufficient storage alarm for offline event, network break alarm

The recognition and storage of card number with maximum 20 digits

Supports online and offline operating mode; access controller is powered off

Client supports attendance function

High/low temperature resistant design(-20°C to +65°C)



SPECIFICATIONS

Model	UltraAC200	UltraAC400
Working Voltage	DC 12V	
Power Dissipation (with Load)	≤100W	≤100W
Power consumption	≤3.5W (without Load)	
Processor	32-bit	
RAM	8M	
Uplink Communication Interface	TCP/IP	
Downlink Communication Interface	Wiegand (W26/W34)	
Storage	Storage for 10, 000 Valid Cards Information and 50, 000 Card Swiping Records	
LED Indicator	Power Supply Status, Communication Status, Abnormal Status	
Built-in Clock	Yes	
Accessible Card Reader	4 Card Readers (Wiegand Interface)	4 Card Readers (Wiegand Interface)
Input Interface	Door Sensor × 2, Exit Button × 2, Case Input × 2	Door Sensor × 4, Exit Button × 4, Case Input × 4
Output Interface	Lock Relay × 2, Alarm Relay × 2	Lock Relay × 4, Alarm Relay × 4
Working Temperature	-20°C to +65°C (-4°F to +149°F)	
Working Humidity	10% to 90% (Non-Condensing)	
Dimensions (L×W×H)	285mm × 237mm × 69mm (11.22" × 9.33" × 2.72")	

