AC-2004 Four Door Access Control Panel

Access Controllers provide the solution for powerful combinations of access control and alarm monitoring within off-line networks.

Features

> AC-2004 is now capable to handle 4 doors / 4 readers with a single controller.
  AC-2004 Access Controller fits any type of installations, up to 20,000 users, from single buildings to multiple sites spread over remote locations and linked via RS485, RS232 or TCP/IP.

> The user-friendly Access software programs the system within a few minutes, from a non-dedicated PC. Access Software provides numerous access control and alarm monitoring features: expiry date for clubs, automatic activation, interlock between two doors, time zones, supervision, anti-passback, activity reports…

> Each alarm input is programmable: operating mode (NO or NC), time zones, local reflex (activation of outputs according to input status). Specific alarms are triggered according to the number of unsuccessful attempts, the time limit for door closing (door alarm), the duress code…

> Whenever required, the data stored in the controllers is transferred to the computer and activity reports are printed. Each controller works independently and keeps its own database.

Technical Specifications

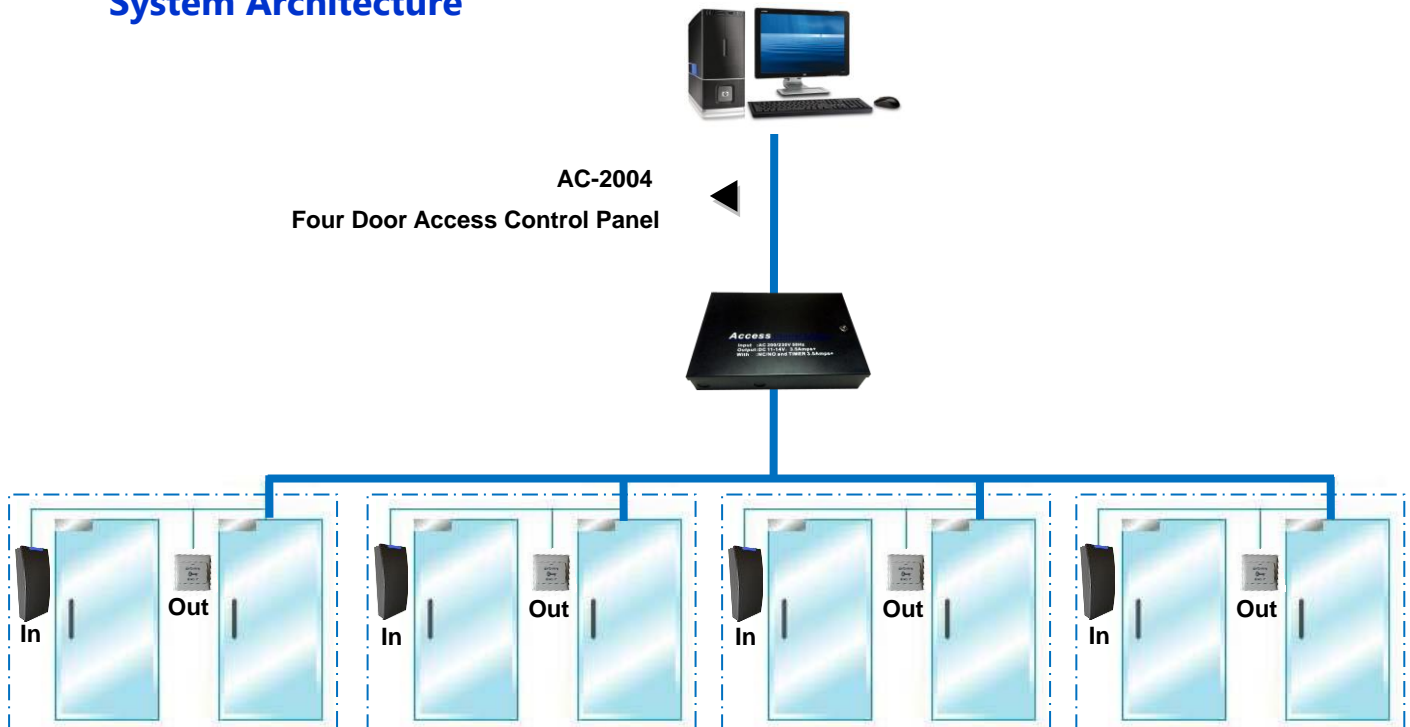| Model	AC-2004
Unit Size	218mm *106mm
Unit Packing Way	Brown box
Unit Packing Size	24x13.5x5.5cm
Accessories	User Manual, warranty card
Function Introduction	
Conventional Function	Offline operation; real time supervision; photo display; mass storage; flexible user privilege setup; remote unlocking; multi-user supervision; quick setting; convenient checking and query; revisable and printable report form; report form;report can be exported to excel file; card+password unlocking; alarm for long time unclosing;alarm for invalid card swiping; first card unlocking;alarm for illegal break in; unlocking at definite time; e-map etc.
Professional function	For professional users such as bank,cash house, telecom station, power supply station,prison and plice station: interface locking; intimidation alarm;integrated fire control;anti-passback and anti-tail; interlocking;multi-card unlocking; emergency double locking;

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	in door population checking; unlocking based on internal and external validation.
All-in-one-card management system	Nomal shift and multi-shifts time attendance management system; fixed ration dining management system; meeting attendance management system; online patrol management system and security alarm management system.
Parameter	
Communication	TCP/IP 10M/100M adaptive
English Software supportable database:	Access and SQL
Description	Control 4 doors, get in the door by swiping card, and get out door by button
Power Supply	12VDC 4-7A
Power Consumption of Circuit Board	Less than 100mA
Input Format of Reader	Wiegand 26 (All card reader with compatible protocol, such as Motorola , HID, EM , Mifare one etc)
Quantity of Readers	4pcs
Door Controlled	4
Door opening time extending setting	1-600 seconds(adjustable)
Max q 'ty of controller	No limit Remark: N denotes q ' ty of computer serial prot or q ' ty of 485hub port, support 256pcs ports
Operation Temperature	minus 40°C-70°C
Operation Humidity	10-90 % RH , No Condensation
Q ' ty of users	20,000 Users
Q ' ty of Event Buffers(offline)	100,000 event buffers
Power interruption protection measure	High Speed Memory, Records never lose
Max Distance from Reader to Controller	100m (suggestion distance 80m)
Max Distance between Controllers	RS232: Communication Distance less than 13m, suggestion distance is 3m or less
	RS485: bus line max length 1200m, suggestion length 1000m or less, if expansion device added, the distance could be 3000m
	TCP/IP: Depends on net coverage area
Collocations	PCB board, case, power, power line, serial port communication line, software, manual, certificate, key(2pcs), carton
Alarm for long time door open, ilegal break in, intimidate	Yes
Fire and alarm linkage	If no connection with the expansion board, only has software interface alarm, and drive the computer speaker. If connected with expansion board, is able to alarm by hardware, if connected with strengthened expansion board, then is able to Security alarm
Complsive open and close door at long time	Yes

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Open door in remote distance	Yes
Inter block	Yes
Anti pass back and tail	Yes
Multi-card open door	Yes
Open long time at specified time	Yes
Electronic map	Yes
Urgency locking	Yes
First card unlocking	Yes
Unlock based on internal and external validation	Yes
Keypad (card+passwor, supper password)	Yes

System Architecture

AC-2004
Four Door Access Control Panel ◄

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* Take AC-2004 as an example