Camera Single Door Controller Cam Control Panel Board

Access Control Panel provide the solution for powerful combinations of access control and alarm monitoring within off-line networks.   The user-friendly Access software programs the system within a few minutes, from a non-dedicated PC.

Camera Single Door Controller Cam Control Panel Board

Parameter	Single Door Control Panel	Multi Door (2) Control Panel	Multi Door (4) Control Panel
ACM Model	ACM-WG01	ACM-WG02	ACM-WG04
Communication	TCP/IP 10M/100M adaptive	TCP/IP 10M/100M adaptive	TCP/IP 10M/100M adaptive
Description	Control 1 door, get in and out door by swiping card, or get in by swiping card and get out door by button	Control 2 doors, get in and out door by swiping card, or get in by swiping card and get out door by button	Control 4 doors, get in the door by swiping card, and get out door by button
Size of PCB board	160mm *106mm	160mm *106mm	218mm *106mm
Size of Case	273mm*228mm*65mm		
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	1pair	2 pairs	4 pcs

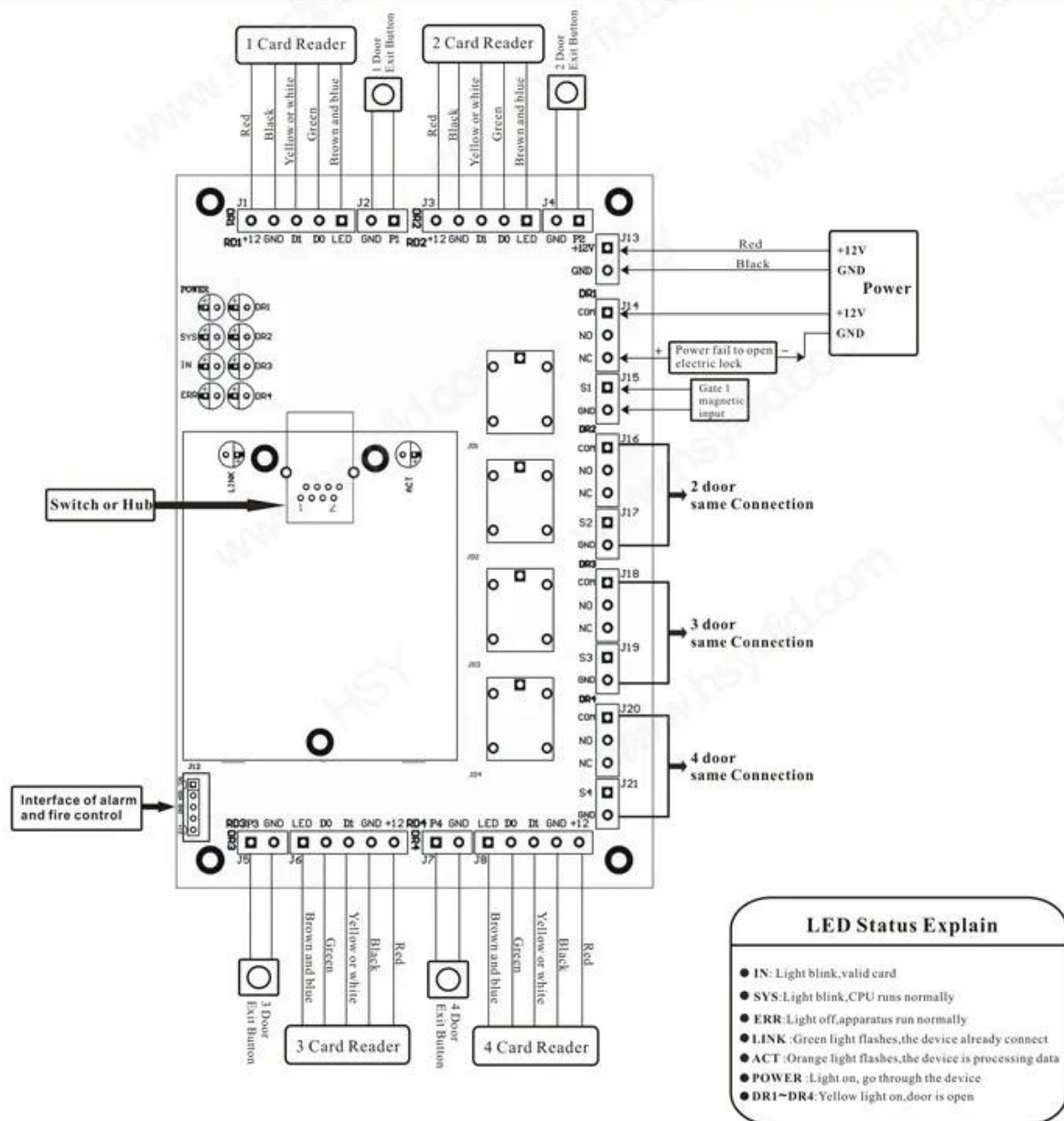| Door Controled	1pair	2 pairs	4 pcs
Door opening time extending setting	1-600 seconds(adjustable)		
Max q ' ty of controller	No limit	No limit	No limit
	Remark: N denotes q ' ty of computer serial prot or q ' ty of 485hub port, support 256pcs ports		
Operation Temperature	- 40 C~70 C		
Operation Humidity	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		
Open door in remote distance	Yes		
Inter block	X	Yes	Yes
Anti pass back and tail	Yes	Yes	X
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		

Detailed Images

This access control board's software provides numerous access control and alarm monitoring features: expiry date for clubs, automatic activation, 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.

Picture below is the design file for two doors access control panel.

Four Door Acess Controller Wiring Diagram (TCP/IP Communication)

1 Card Reader — Red, Black, Yellow or white, Green, Brown and blue

2 Card Reader — Red, Black, Yellow or white, Green, Brown and blue

1 Door Exit Button

2 Door Exit Button

J1 — RD1 +12 GND D1 D0 LED
J2 — GND P1
J3 — RD2 +12 GND D1 D0 LED
J4 — GND P2

J13 — +12V / GND → Red / Black → Power (+12V, GND)

J14 — DR1 COM / NO / NC

Power fail to open electric lock (+ −)

J15 — S1 / GND ← Gate 1 magnetic input

J16 — DR2 COM / NO / NC
J17 — S2 / GND

2 door same Connection

J18 — DR3 COM / NO / NC
J19 — S3 / GND

3 door same Connection

J20 — DR4 COM / NO / NC
J21 — S4 / GND

4 door same Connection

POWER, SYS, IN, ERR — DR1, DR2, DR3, DR4

LINK / ACT

Switch or Hub

Interface of alarm and fire control — J12

J5 — RD3 P3 GND
J6 — LED D0 D1 GND +12
J7 — RD4 P4 GND
J8 — LED D0 D1 GND +12

3 Door Exit Button

3 Card Reader — Brown and blue, Green, Yellow or white, Black, Red

4 Door Exit Button

4 Card Reader — Brown and blue, Green, Yellow or white, Black, Red

LED Status Explain

- **IN**: Light blink, valid card
- **SYS**: Light blink, CPU runs normally
- **ERR**: Light off, apparatus run normally
- **LINK**: Green light flashes, the device already connect
- **ACT**: Orange light flashes, the device is processing data
- **POWER**: Light on, go through the device
- **DR1~DR4**: Yellow light on, door is open

Application

Scope of Application

Company | Hospital | Hotels | Logistics | Port

Financial | Government | Factory | Aviation | School

Packing & Delivery

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We will ship every goods out as soon as possible.

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Shipping Way (Just for new customers reference)

We are one of the leading exporter of RFID products in China since 2000 years . With rich international trade experience we know the international shipping very well , We know which express or air/sea line is cheap and safe to your country . We can supply various certificate for you to clean your custom to such as CO , FTA , Form F , Form E ...Ect . We wil provide our professional suggestion for your shipping . EXW , FOB , FCT , CIF , CFR ...trade term are ok for us . We can be your reliable partner for products and shipping .

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ACM-Y806-5A

Power supply 5A for access control

ACM225

Touch Keypad RFID Access Control
12khz

ACM-210

Metal Waterproof RFID Wiegand
Access Control

ACM26X

125Khz EM Card RFID Reader Size:
    115mm×75.5mm×16.8mm

Our Service

1, Any inquires will be replied within 24 hours
2, Professional manufacturer and supplier, Welcome to visit our website and our factory
3, OEM/ODM Available
4, High quality, fashin desing, reasonable & competitive price, fast lead time
5, After-sale Service :
1), All products will have been strictly quality checked in house before packing
2), All products will be well packed before shipping
3), All our products have 2-3 year warranty if the damage is not caused by human
6, Faster delivery : Around 1~ 5 days for sample order, 7~30 days for bulk order
7, Payment : You can pay for the order via : T/T, Western Union, Paypal,
8, Shipping: We have strong cooperation with DHL, FEDEX, TNT, UPS, EMS, Forwarder by SEA and By AIR, You also can choose your own shipping forwarder.

FAQ

Q: 1. How can I place an order?

A: Please list your requirement to us via mail. Then we will send the offer to you at earliest time,after order confirmation, we will arrange production ASAP.

Q: 2.What about the payment and shipment?
A: Trade Assurance and T/T ,Paypal, Western Union.
Clients can choose by sea, air or express(DHL, FedEx, TNT UPS etc.)

Q: 3. How can i get a sample to check your quality?
A:We could provide free sample to you, and the freight cost payed by you.

Q:4. How long can I expect to get the samples?
A: It depends on the quantity. Normally 3-7 days for 5000pcs and 7-15 days for 100,000pcs

Q:5. Can your products be customized?
A: Almost all of your products are customized ,including the materia, size, thickness and printing. OEM orders are highly welcome.

Q:6.Are you a trading company or factory?
We are the one of the biggest manufacturer of RFID cards/NFC tags/RFID keybod /RFID wristband，rfid reader and access control products in China more than 20 years.