

ACC. Kontroler: CLOUD-2V-2WP

Cloud Plus Controller

This controller can only be provided to the demand side after development, and can not be used in the conventional software.

After swiping card (password, identification card, QR code, finger vein, fingerprint) on the access controller, real-time transmission to the cloud server, the server process the received data, make a response to the controller, the controller according to the response to make corresponding responses, such as open door, alarm and so on. at the same time, it can realize broadcast voice and LCD screen display through the external voice board.

Required equipment keep the network communication with the server, support TCP/IP, UDP, Http protocol for options.



Cloud Parameter

Communication protocol : HTTP, TCP/IP, UDP
 Extension interface : RS485, RS232
 Card read protocol : Wiegand26, 34
 Power supply output : USB port and 5V
 Door open method : Card, PSW, card+PSW, double card, software remote, QR code, bar code, finger vein, the identification card fingerprint

Cloud Standard interface

WG card reader : 2
 Alarm output : 1
 Button input : 2
 Control output : 2
 Door sensor input : 2
 RJ45 port : 1
 485 interface : 1
 232 interface : 2
 Fire alarm input : 1
 Alarm input : 1
 Extended input : 4
 Humidity detection : 2
 Temperature detection : 2
 5V power supply : 1 (output)
 USB power supply : 1 (output)
 12V input : 1

Cloud Basic parameter

Panel size: 210*125*22mm
 Panel color: Deepblue
 Panel weight: 300g
 Shell size: 214*105*37mm
 Metal box size: 320*270*75mm
 350*280*75mm
 Box color: Black
 Box weight: 1.2KG/1.6KG

Working temperature: <60 °C
 Humidity: 10%~95%RH
 Working voltage: 12V
 Working current: <80mA
 Rated power: ≤5W
 Data protection if no power supply: 10years

Cloud Application

Unattended facilities access control management.
 Inconvenient wiring.
 Factories and sites with large geographical distribution.
 Temporary public place.
 Park, Exhibition, Club
 Ticketing, decentralized charging places.
 Public entrances and exits of many companies, enterprise unit and factories.
 Gate access after charging membership registration.
 A place where QR codes are sent in and out.

Reliability	Comprehensive	Standard	Quality
18 years experience	Network access controls all features	Standard protocol and interface	3 years' warranty

FEATURES

- ◇ Support two WG card reader interface, support WG26, WG34 protocol and so on, it can be configured through the WEB.
- ◇ 1 group RS485 interface, 2 groups button switch input, 2 groups alarm input, 2 relay control output, 1 relay alarm output.
- ◇ Can connect 2 groups temperature and humidity sensors, collect the temperature and humidity, set the alarm range to generate alarm.
- ◇ Support two RS232 input, such as QR code scanner, the identification card reader, finger vein, fingerprint.
- ◇ RS485 connected voice module, real-time live broadcast synthetic speech, such as "welcome, manager Tom", and control by the server software.
- ◇ Support LCD screen display, realize of field the screen display.
- ◇ Support TCP/IP, UDP, Http protocols.
- ◇ Optional WIFI or GPRS communications, adapted to a wider deployment environment.
- ◇ Http protocol support domain name and IP address server, support custom URL path, it is suitable for the cloud application development.
- ◇ Support RS485 communication transmission, it can realize communication control of own RS485 devices.
- ◇ Support the identification card collection device, can collect ID card information, including photos.
- ◇ Support receiving large data (not greater than 2048 bytes) transmission, such as finger vein collection, send to the computer for comparison.
- ◇ Support AES128 encryption, custom password, the data is more secure.
- ◇ Support DHCP, obtain IP address automatically, installation is more simple.
- ◇ Support SDK development kit, as well as the Demo code.

Cloud Plus Controller Explanation

1. Controller to switch with GB line, no more than 100 meters
2. Controller to the reader with GB line, generally no more than 60 meters, wiring according to the card reader and controller identification one by one docking.
3. The controller is connected to the lock or gate, the switch terminals are connected by common power line.
4. Reset is to clear the controller storage chip data, take it back to factory state. after the reset of the controller, the IP address is restored to the default IP of the controller.
The reset hole is on the right side of the power input and the marked as : RESET
Hardware reset operation : in the energized state, with sharp hard object (such as paper clips /pen/screwdriver/toothpick / wire) is inserted into the reset hole, gently press the RESET button for a few seconds , heard two buzzer, release the reset button, complete reset : the controller will restart automatically after reset.
5. The controller WEB built-in parameter modification: use the browser to visit the controller IP , login name: admin, Password: 888888.

Alice

Welcome

Display

Speech

Cloud

Internet

Management terminal

WiFi or GPRS

RJ45

485

QR code scanner

Fingerprint identification module

Get into Come out

5V output

USB 5V output

Cloud Plus Controller

220V input

12V Power supply

12V input

Exit button

Entry reader

Exit reader

LED BUZZ

DATA 1

DATA 0

GND

12V+

Temperature humidity sensor

KRAJ