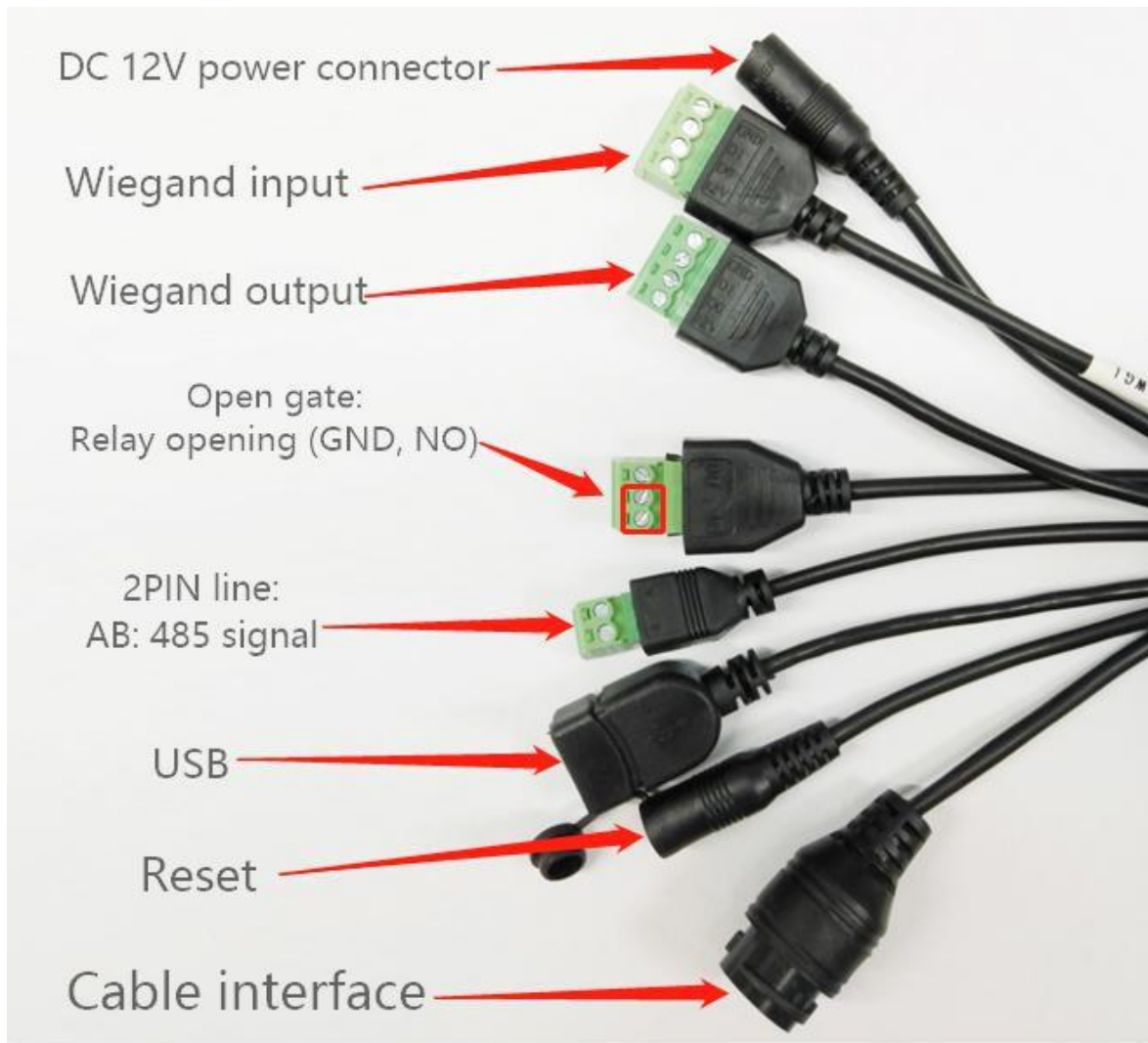


Face recognition debugging operation manual

1, equipment wiring instructions



2, device management background settings – local debugging tools

(1) confirm that the device is in the same LAN as the management computer, and the IP address of the input device in the browser (such as device lip: 192.168.1.189, input 192.168.1.189).

Face recognition network debugging tool

[Cloud platform](#)

Note: Google Chrome is recommended

Account: admin Password: 123456

4, general parameters

Users can customize the device name and device content.

General parameters	Device name Face recognition management
Network parameters	Device banner
Cloud parameters	Login password 123456
Recognition parameters	Weather city shenzhen
Display parameters	Display ir image Disable
Voice parameters	time zone +8
Image parameters	Entrance or exit Nothing
Interface parameters	Submit

5, network parameters – configure device access

(1) Cable network connection

<1>dhcp open: automatically configure network IP and other information;

<2>dhcp shut down: manually configure network IP and other information, and refer to computer network parameters in detail.

(2) Wireless network connection

Hot shutdown, wired network DNS delete, input can use WiFi name and password, pay attention to the same case.

(3) Hotspot connection

For wireless computers, computers are directly linked to device hotspots. Hot Name: FaceClient_***, password: 12345678

The image shows a web-based configuration interface for a device. On the left is a vertical sidebar with several tabs: 'General parameters', 'Network parameters' (highlighted with a red box), 'Cloud parameters', 'Recognition parameters', 'Display parameters', 'Voice parameters' (highlighted with a green box), 'Image parameters', 'Interface parameters', 'Control command', and 'Application scenario'. The main area on the right is titled 'Use dhcp for wired network' and contains several input fields: a dropdown menu set to 'Disable', 'Ip address for wired network' (192.168.1.189), 'Network mask for wired network' (255.255.255.0), 'Gateway for wired network' (192.168.1.1), and 'Dns for wired network' (empty). Below these is a 'Wifi Ap mode' dropdown set to 'Disable', followed by 'Wifi ssid' and 'Wifi password' fields (both empty and highlighted with a red box). A 'Submit' button is at the bottom right.

6, cloud parameters – configuring cloud platforms and docking on devices

Main parameters: cloud push mode
and push address. Face recognition
cloud platform:

Push mode (WEBSOCKET) and push address
(ws://yun.fuyingkeji.com/webfnzn/face/fyface)

The screenshot shows a configuration window with a sidebar on the left containing buttons for 'General parameters', 'Network parameters', 'Cloud parameters' (highlighted with a red box), 'Recognition parameters', 'Display parameters', 'Voice parameters', 'Image parameters', 'Interface parameters', and 'Control command'. The main panel on the right is titled 'Cloud push mode' and contains several input fields. The 'Cloud push mode' dropdown is set to 'WEBSOCKET' (highlighted with a red box). Below it are empty fields for 'Device number' and 'Object id'. The 'Http url' field contains 'http://192.168.1.199:8090/api/Face'. The 'Tcp url' field contains '192.168.1.199:8080'. The 'Mqtt url' field contains 'tcp://192.168.1.199:1883'. The 'Websocket url' field contains 'ws://yun.fuyingkeji.com/webfnzn/face/fyface' (highlighted with a red box). Below this are empty fields for 'Cloud login name' and 'Cloud login password' (which contains '123456'). The 'Cloud offline retransmission' field is also empty.

(2) wireless network configuration: you must select "hot shutdown", enter the fixed Internet WiFi name and password (DNS delete the wired connection parameter).

7, identify parameters – configure device identification comparison parameters

Recognition mode: face, face or card;

Identification distance: 0.5 m below, 0.5–1 m, 1–2 m, 2–3 m, 3 m above;

The same face recognition interval (seconds): can be set for 0–99 seconds, fill in the number, the greater the number of recognition, the longer the interval; the living level: closed, low, medium and high, this content consulting technology;

In vivo method: live 1, live 2, this

content consulting technology; face score:

do not set up yourself, please contact

technology;

Stranger identification:

turn on and off;

stranger identification

time: 0-3 seconds.

Card witness: the device with the ID card comparison function open

General parameters

Network parameters

Cloud parameters

Recognition parameters

Display parameters

Voice parameters

Image parameters

Interface parameters

Recognition mode

Face or IC card

Recognition distance

Unlimited

Recognition interval (second)

1

Live face detection level

Close

Live face detection mode

mode 2

The largest face recognized only

Disable

Face detection threshold

30

Face critical point threshold

45

Entered face recognition threshold

8, display parameters - configure device screen to display content parameters

General parameters

Network parameters

Cloud parameters

Recognition parameters

Display parameters

Voice parameters

Image parameters

Interface parameters

Display mode for white list

Name

Salutation for White list

Disable

Fixed words before Whitelist names

Fixed words after Whitelist names

识别成功

Alarm display

Enable

Display content for period impassable

不在通行时间

No use

无记录

No use

比对成功

No use

9, voice parameters - configure device voice content parameters

General parameters	Volume
Network parameters	8
Cloud parameters	Voice enabling
Recognition parameters	Enable
Display parameters	Voice mode for White list
Voice parameters	Name and personalized voice
Image parameters	Fixed voice before Whitelist names
Interface parameters	Fixed voice after Whitelist names
Control command	欢迎光临
Application scenario	Salutation for White list
	Disable
	Voice content for strangers
	注意陌生人
	Alarm voice
	Enable
	Voice content for period impassable
	不在通行时间
	Voice Content for expired
	已过期
	No use

Volume: 0-10,0 minimum, 10 maximum;

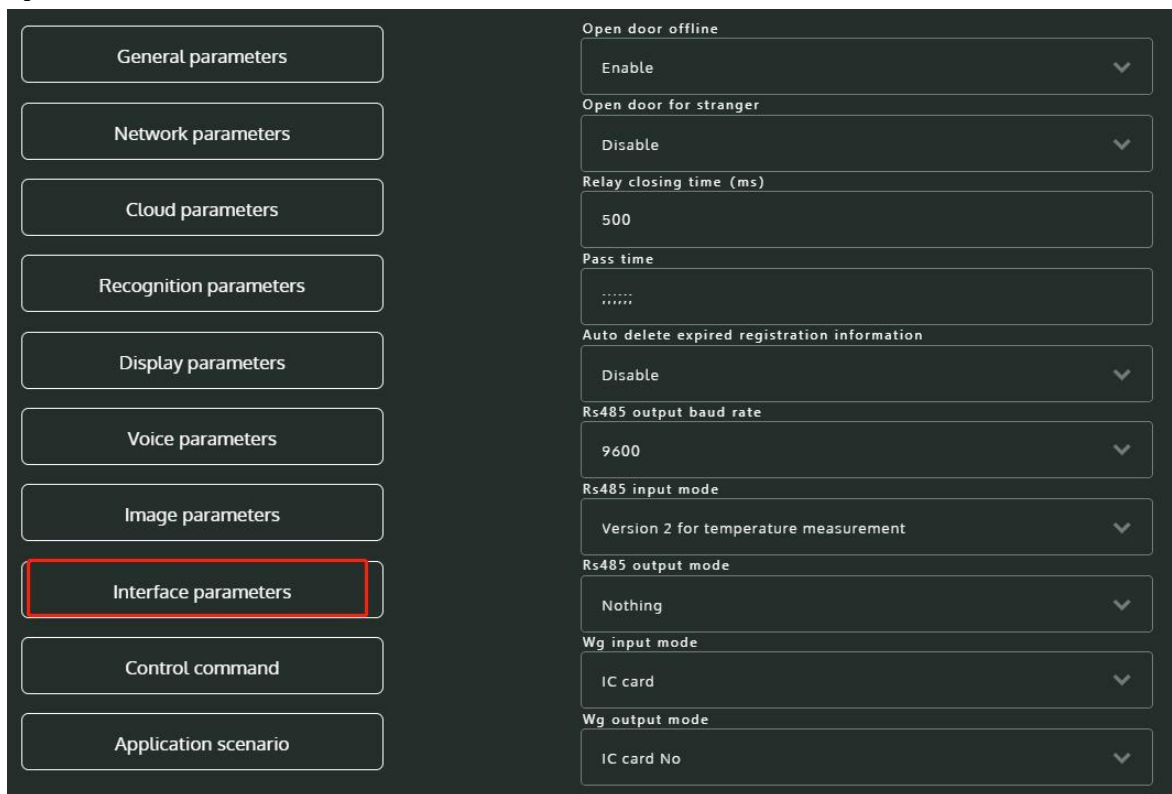
Editable content is customizable to modify broadcast voice.

10, video image parameters - configure device image parameters

General parameters	Picture capture mode
Network parameters	face capture
Cloud parameters	Image encode qp
Recognition parameters	80
Display parameters	Wdr
Voice parameters	Disable
Image parameters	Face beauty
Interface parameters	Disable
Control command	Submit
Application scenario	

The above content can be maintained by default. If necessary, please contact the technology.

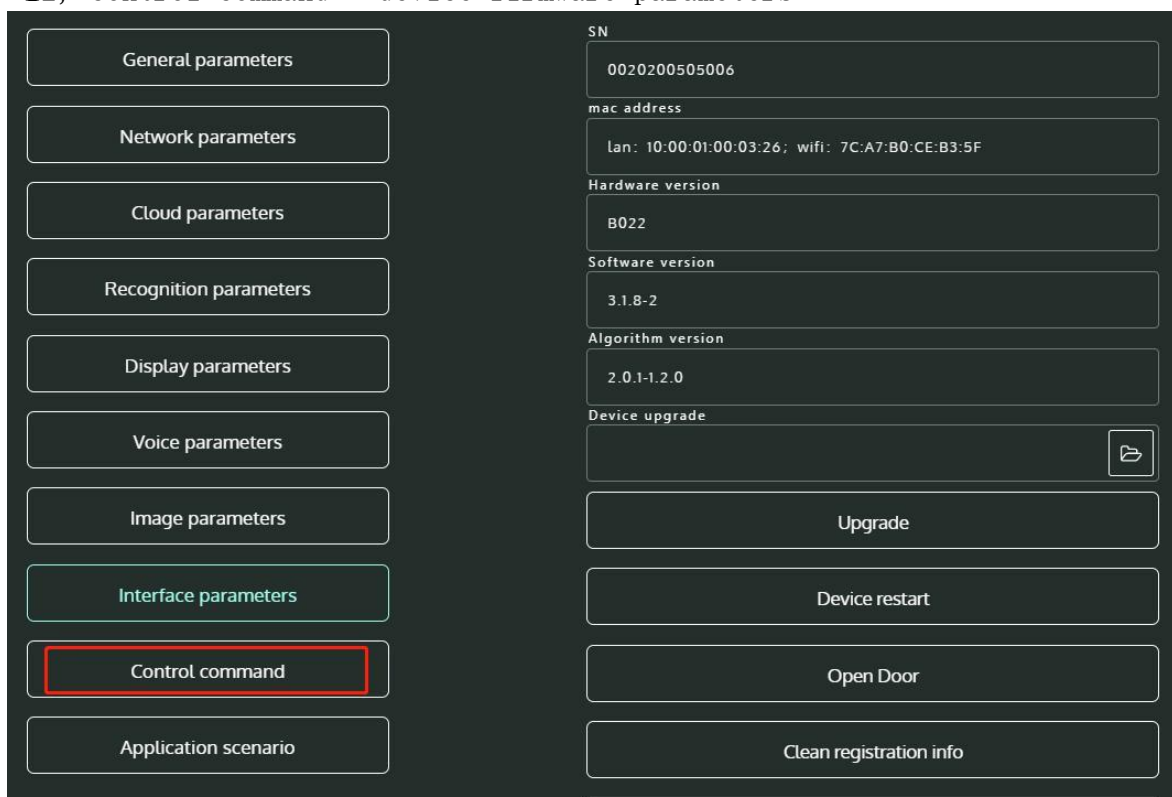
11, device interface parameters - configure device additional function parameters



General parameters	Open door offline
Network parameters	Enable
Cloud parameters	Open door for stranger
Recognition parameters	Disable
Display parameters	Relay closing time (ms)
Voice parameters	500
Image parameters	Pass time
Interface parameters
Control command	Auto delete expired registration information
Application scenario	Disable
	Rs485 output baud rate
	9600
	Rs485 input mode
	Version 2 for temperature measurement
	Rs485 output mode
	Nothing
	Wg input mode
	IC card
	Wg output mode
	IC card No

This content is related to technical adjustment.

12, control command - device firmware parameters



General parameters	SN
Network parameters	0020200505006
Cloud parameters	mac address
Recognition parameters	lan: 10:00:01:00:03:26; wifi: 7C:A7:B0:CE:B3:5F
Display parameters	Hardware version
Voice parameters	B022
Image parameters	Software version
Interface parameters	3.1.8-2
Control command	Algorithm version
Application scenario	2.0.1-1.2.0
	Device upgrade
	Upgrade
	Device restart
	Open Door
	Clean registration info

Upgrading firmware: uploading .Bin files in compressed

packages, prompting web pages to appear after upgrading,
clearing up registration information: clearing personnel sent
to equipment;
Clear the traffic record: clear the record data of equipment identificatio

13, application scenario - device application scenario configuration

General parameters

Network parameters

Cloud parameters

Recognition parameters

Display parameters

Voice parameters

Image parameters

Interface parameters

Control command

Application scenario

Application mode

Temperature measurement

Normal

Temperature measurement

Disable

Helmet detection

Disable

Submit

No temperature
measurement:
general mode;
temperature
measurement: face
temperature measu

FCC Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment, In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, Human proximity to the antenna shall not be less than 20cm (8 inches) during normal operation.