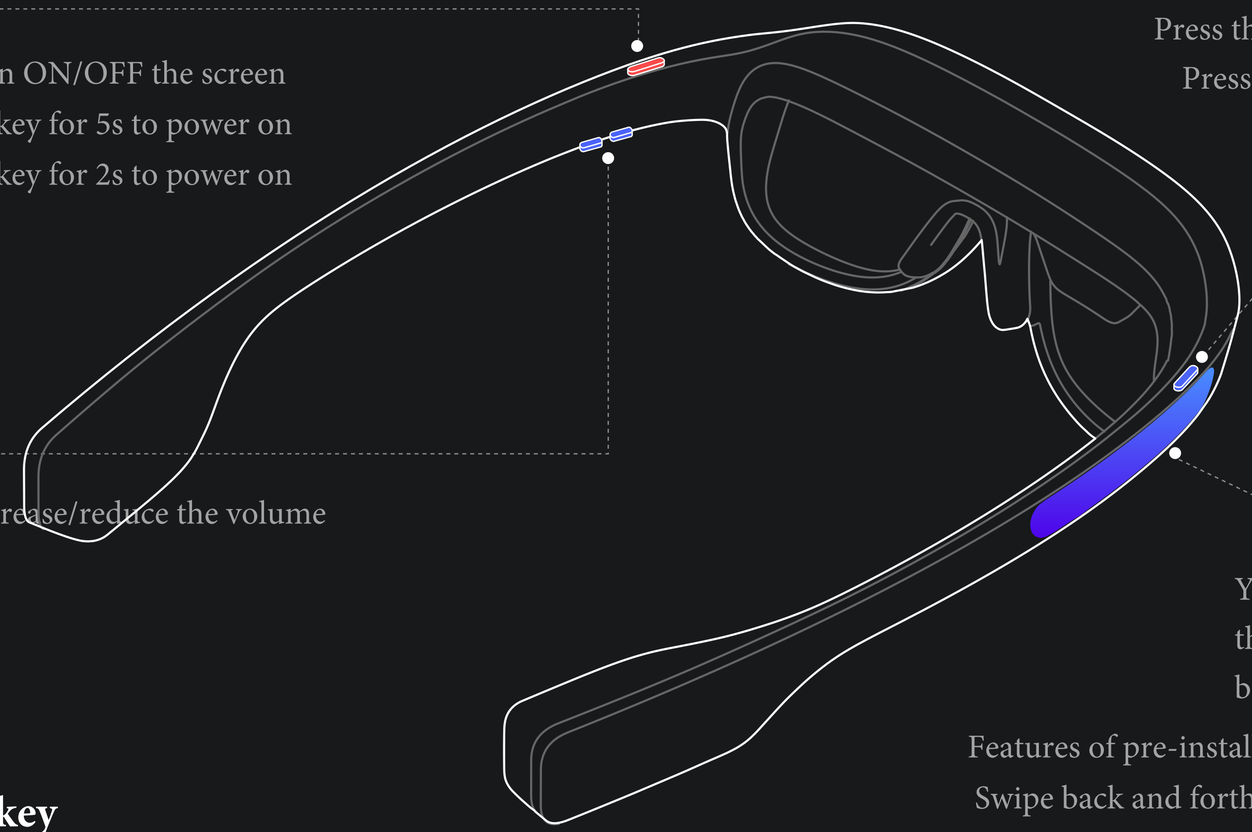
Instructions for Interaction

Key interaction
touch interaction
speech interaction
IMU

Key interaction



Power key

Press this key to turn ON/OFF the screen
Press and hold this key for 5s to power on
Press and hold this key for 2s to power on

Volume key

Press this key to increase/reduce the volume

Combination key

Power key & volume -: screen shot

Back key

Press this key to return to the previous menu
Press this key on the homepage to wake up the camera

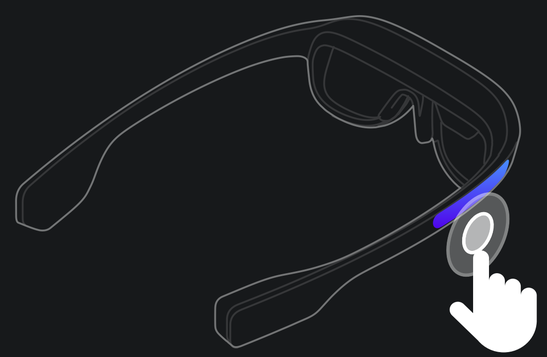
Press and hold this key to turn on speech assistant
Double click this key to enable custom features

Touch area

You can swipe, tap or tap and hold on the area,All the operations above can be customized

Features of pre-installed applications are defined as below:
Swipe back and forth on the area to return to the previous menu/go to the next menu,Tap the area to confirm your selection or enter an interface
On the Album detail page, tap and hold the area to wake up the deletion function

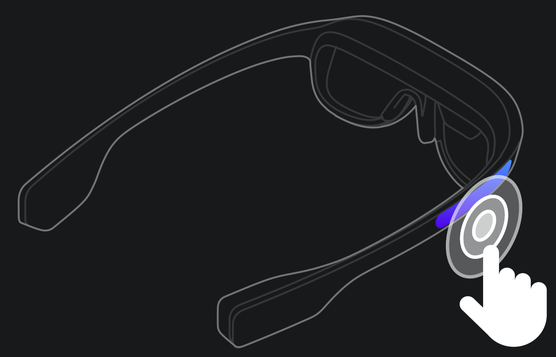
Touch interaction



Tap

Confirm and select

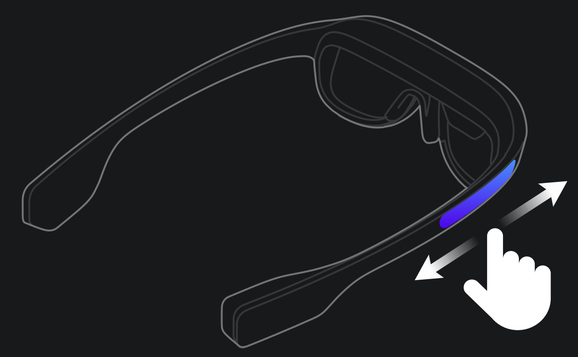
Key functions can be customized



Tap and hold (for more than 1 s)

Wake up more operations (for example, delete)

Key functions can be customized

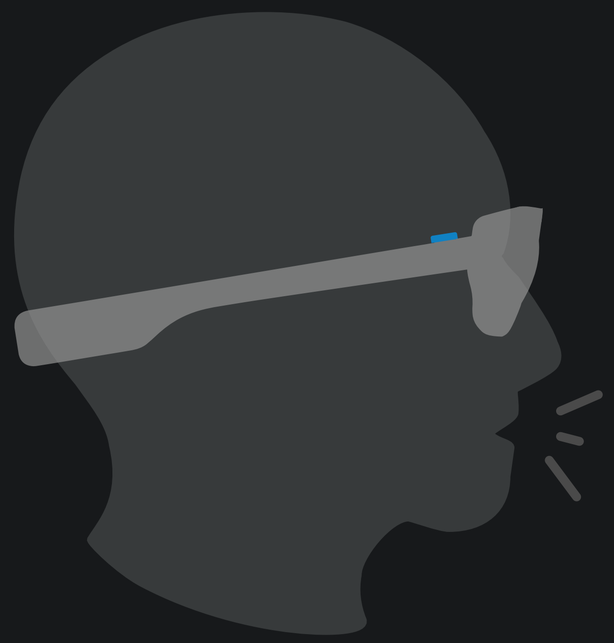


Swipe back and forth

Switch, previous/next

Key functions can be customized

Speech interaction There are two methods to wake up speech



Press and hold the BACK key for 1 s to quickly wake up the speech assistant

Quickly wake up the speech assistant

Note: Wakeup is impossible if the device is not worn

Wake up the speech assistant with a wakeup word (Rokid)

It is off by default. Please turn on this function from Setup Wake up with Rokid

Note: Wakeup is impossible if the device is not worn

Speech interaction Characteristics

Cloud skills (Online)

The device S/N shall have been registered to an open platform. Cloud skill feedback supports only text&speech for the time being, without GUI visual effect

Custom instruction words

For default instruction words, see Speech Instruction Summary. Offline instructions are supported and now only Chinese is supported

Allow multiple processes to invoke Mic

For example, wakeup with speech is also possible during recording

Speech interaction Default instruction words list

Module	Intention	Instruction words (common saying, not all instruction words)
Global instructions	Turn on an application	Turn on "APP Name" (For example, turn on face recognition, turn on album)
	Off	Turn off/exit "APP Name" (for example, turn off translate) turn off, exit, over, leave
	Back	Back/back to/go back to/return/go to/exit to
	Ask battery level	How much the battery reserve is?
	Control volume	Increase the volume, reduce the volume, adjust the volume to "X", mute, unmute, too high volume, too low volume
	Sleep system	Sleep, shutdown, have a break, go to sleep
Camera	Camera	Shoot, take a picture, take a photo, I would like to take a picture, I would like to take a photo, I want to take a picture, I want to take a photo, turn on the camera, enable the camera
	Recording	Shooting, recording, start shooting, start recording, turn on shooting, turn on recording, I would like to record, I want to shoot, I want to record
	Turn off camera	Turn off camera, exit camera, shut down camera, quit camera
	Stop recording	Stop recording, exit recording, stop shooting
album	Turn on album	Turn on album, view pictures, I want to view pictures, I would like to view pictures, view videos
	View recent	I would like to view the picture I just take, view the picture just now, view the recent picture, view the picture I recently take
	Delete picture	Delete, delete picture, delete video, delete this, delete this picture, delete this video

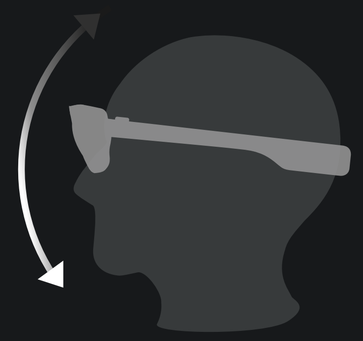
Module	intention	Instruction words (common saying, not all instruction words)
album	Turn off album	Exit album, turn off album
	Previous/next	Previous, next
	View the first one	First one, go to the first one, roll to the first one, swipe to the first one, skip to the first one
	View the last one	Roll to the last one, go to the last one, swipe to the last one, last one, skip to the last one
face recognition	Turn on	Turn on face recognition, face recognition, face video, Who is this man in front
	Switch mode	Multi-person recognition, multi-person video, switch to multi-person recognition, switch to multi-person video
	Exit	Exit face recognition, exit face video, turn off face recognition, turn off face video
translate	translate	Turn on translate, turn on YOUDAO
	Turn off	Turn off translate, exit translate
setup	Turn on	Turn on setup
	System update	Update system version, update system, help me update the system
	Turn on Wi-Fi setup	Network setting, I want to connect Wi-Fi, turn on Wi-Fi, I want to set the network, configure the network
remote collaboration	Turn on	Turn on remote collaboration
	Turn off	Turn off remote collaboration, exit remote collaboration

Head motion recognition

This interaction is supported only in Launcher and setup scenarios by default. Developers can customize this interaction in other scenarios. This function is turned off by default and can be turned on from "Setup>Head Motion Recognition"

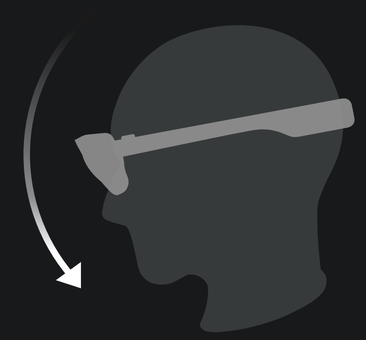
Turn the head left and right Select/switch

Turn the head left and right in Launcher scenario to slide left and right to select a function



Turn head up and down Select/switch

On the setup list page, raise the head to slide the list up, and lower the head to slide the list down



Nod the head to access a function

In Launcher scenario, nod the head to access the highlighted function

How to use

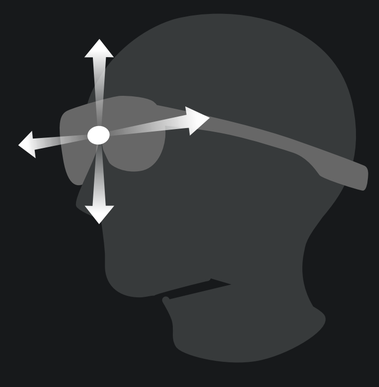
Power the device on > Connect to the network > Start working

Step 1

Power the device on

Press and hold the power key for 5 s to power the device on

The power indicator is on to indicate successful power-on



Wear the glasses so that you feel comfortable

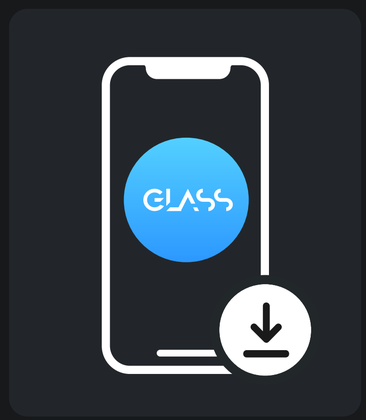
Ensure that you feel comfortable and clearly see texts and screen

Wait for the boot screen

The system may take 25 s to load the animation

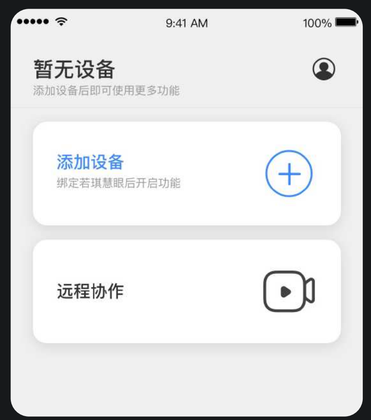
Step 2

Download mobile APP



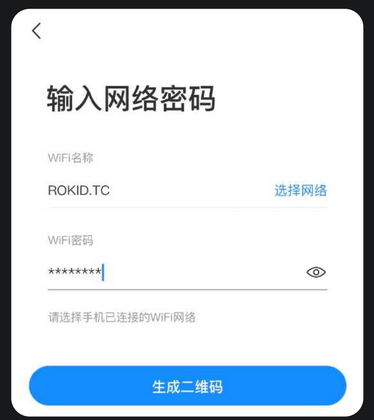
Download Rokid APP

Search Rokid in the app store of your Android mobile and download the mobile app



On the APP homepage

Tap Add Device



Connect to the network

Input a Wi-Fi account and password and then generate a QR code

Generate a QR code

After successful connection, a QR code used for glasses to connect to the network will be generated

Step 3

Connect to Wi-Fi

Open Glasses Setup Wi-Fi

On the setup page, click Wi-Fi

Connect to a new network

On the Wi-Fi page, select Connect to a New Network

Scan the QR code on your phone

Use the glasses to scan the QR code on your mobile app

Step 4

Start working

Wi-Fi connected

You will be prompted with successful connection

Return to desktop automatically

The system will automatically return to the desktop after Wi-Fi is connected

Select your desired function

Select your desired function from the desktop and start working

Functional Descriptions

Instructions for pre-installed applications and commonly-used functions

Pre-installed applications

Camera

Camera is the first default function of the system

Tap the touch pad to access the camera function

Photo

Tap the touch pad to take a photo

Swipe on the touch pad to switch to video

Video

Tap the touch pad to turn on/ off video

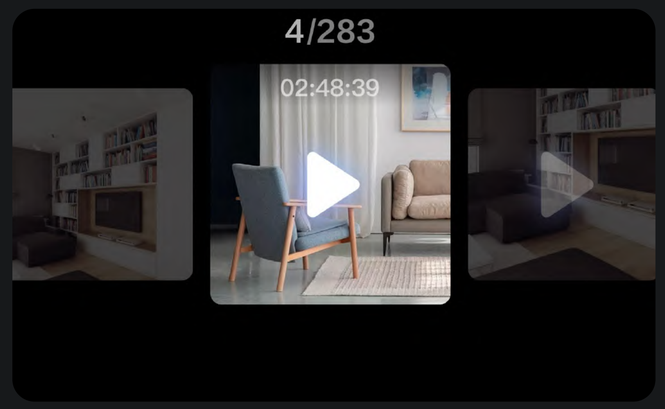
Swipe on the touch pad to switch to photo

Pre-installed applications

Album

On the desktop, swipe on the touch pad to go to Album

Tap the touch pad to access the Album function



Album list

Swipe on the touch pad to swipe the list

Tap the touch pad to check details

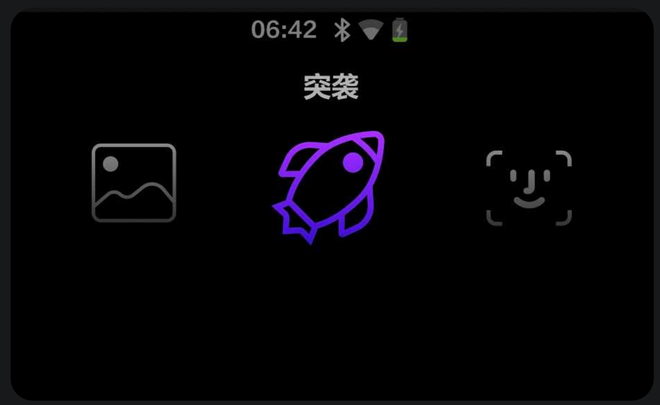
Tap and hold to wake up the delete action

Tap and hold the touch pad for 2s to wake up the delete action

You can release your hand at any time to stop the delete action

Pre-installed applications

Raid



On the desktop, swipe on the touch pad to go to 【Raid】

Tap the touch pad to access the Raid Game

Turn the head to change field of view

Please locate the enemy plane as indicated by the red arrow and bring it down

Locate the enemy plane and bring it down

Target the gunsight box at the red enemy plane and sustain fire to bring it down

Pre-installed applications

Face Recognition

On the desktop, swipe on the touch pad to go to 【Face Recognition】

Tap the touch pad to access the Face Recognition function

Single recognition

Single recognition is enabled by default for face recognition
Swipe on the touch pad to switch to multi-recognition

Result of recognition

The result is given after recognition
If no result is matched, the "New friend" message appears.

Pre-installed applications

Face Recognition

Multi-recognition

Move the head to target the aiming box at the recognition target

The system will automatically detect face

Face capture

When a face is recognized, a face tracker appears

Try to hold the tracker over the face

Result of recognition

Blue indicates the name of a recognized person

Green indicates a new friend not matched in the face library

Pre-installed applications

Translate

On the desktop, swipe on the touch pad to go to【Translate】

Tap the touch pad to access the Translate function

Only Chinese-English translation is supported now

Pickup

Pickup starts by default in translate mode Pickup automatically stops when no valid speech is received for 5 s

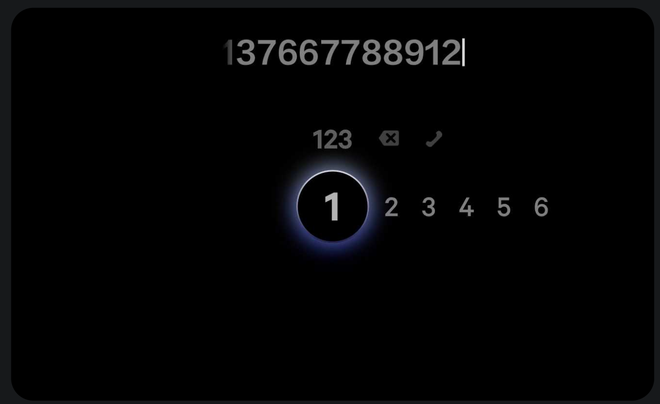
Translating

Translate starts automatically after pickup ends

The result will be presented as text and voice broadcast

Functional Descriptions

Remote collaboration - caller



Remote collaboration - caller

Turn on "Desktop Remote Collaboration"

Enter the "Remote Collaboration" page from the desktop

Initiative dial-up

Select manual dial-up or address book dial-up (dial-up ID is a Rokid app account)

Dial-up pad

Swipe on the touch pad to switch key values

Tap the touch pad to type, delete or call out

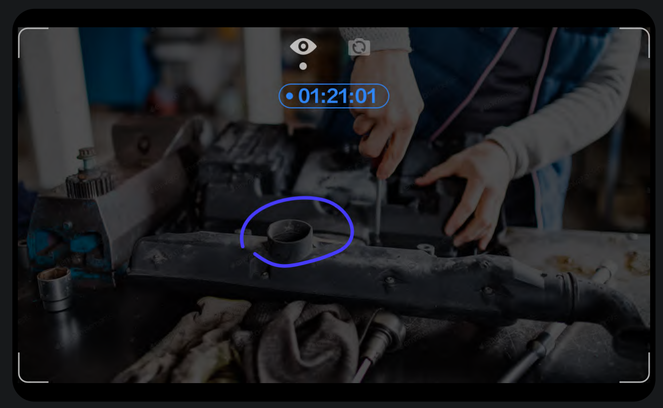
Pre-installed applications

Remote collaboration - called

Remote collaboration request

Tap the touch pad to accept remote collaboration request

Swipe on the touch pad to switch to reject



Connected

Talk to the other party in real time after connected

Swipe on the touch pad to switch to the displays of the camera on the other party

Reject

The collaboration request will be cleared after the request from the other party is rejected

Pre-installed applications

Setup

On the desktop, select 【Setup】

The setup portal is the last item on the desktop.

Setup list page

Swipe on the touch pad to switch list items

Tap the touch pad to access the respective function

Setup list page

The setup list page contains: Wi-Fi, Bluetooth, Clock, Language, Brightness, Speech Wakeup, Head Control, Operation Guide, Upgrade, Defaults and Device Info

Pre-installed applications

Setup - Hidden Features

Setup - About

On the About page, you can enable some hidden features

Tap and hold the touch pad, tap the touch pad for 5 consecutive times

Tap and hold the touch pad to enable hidden features

Wake up hidden features: projection function; Tap "Projection" to carry out projection settings

Tap the touch pad for 5 consecutive times

Tap the touch pad for 5 consecutive times to wake up "Developer Mode>USB Debug" portal

Functional Descriptions

Bluetooth On

Enter "Glasses Setup

From the desktop, enter the Setup page

Enter the Bluetooth screen

From the setup list, select Bluetooth
(Bluetooth is on by default)

Turn on Bluetooth

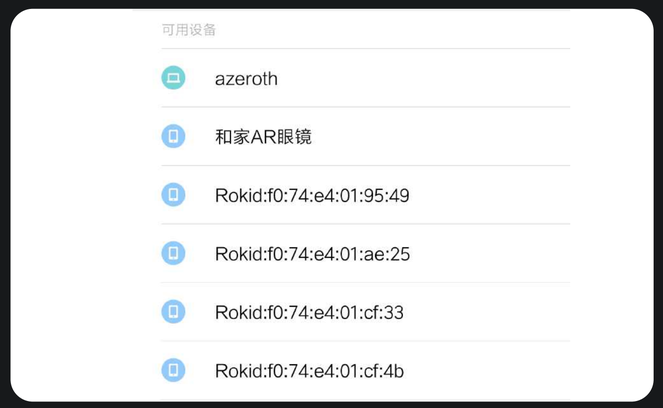
Tap the touch pad to turn it on/off

Functional Descriptions

Bluetooth connection

Turn on Bluetooth of the device

On the " Setup Bluetooth" page, remember the name of Bluetooth



Select the device from your mobile

Turn on Bluetooth on your mobile and enter the Bluetooth list

From the Bluetooth list, select the device to connect

Check pairing on the device

Swipe on the touch pad to select pairing on the device side

Functional Descriptions

Speech wakeup

Enter "Glasses Setup

From the desktop, enter the Setup page

Select Wake up with "Rokid"

From the setup list, select this option and tap to access it

Tap to enable functions

Tap the touch pad to display the function switch

Functional Descriptions

System upgrade

Enter "Glasses Setup"

From the desktop, enter the Setup page

Select "Upgrade"

From the setup list, select this option and tap to access it

Check for updates and then operate as instructed

The system will automatically check for updates

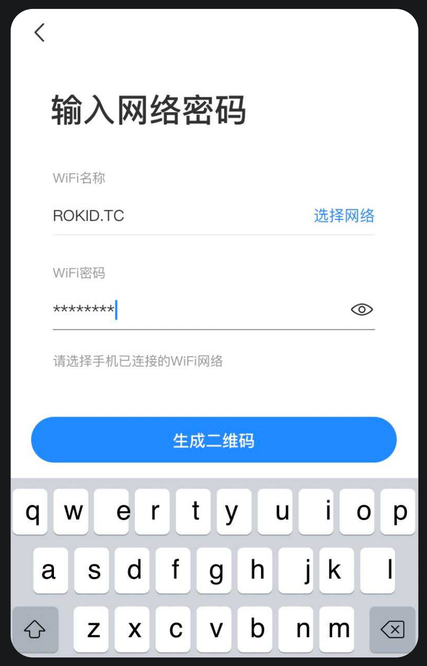
Upgrade as instructed

Mobile APP

Add device

On "APP-Homepage"

The Add Device portal shows by default for a new account



Input Wi-Fi account and password

Select the Wi-Fi to connect to and password

Generate a QR code

Use "SetupWi-Fi New Network" on the device

Start working

After a device is added

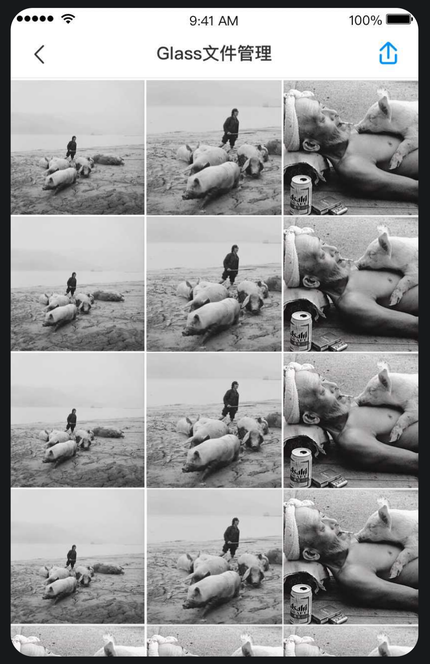
The homepage will display more function portals

Mobile APP

File management

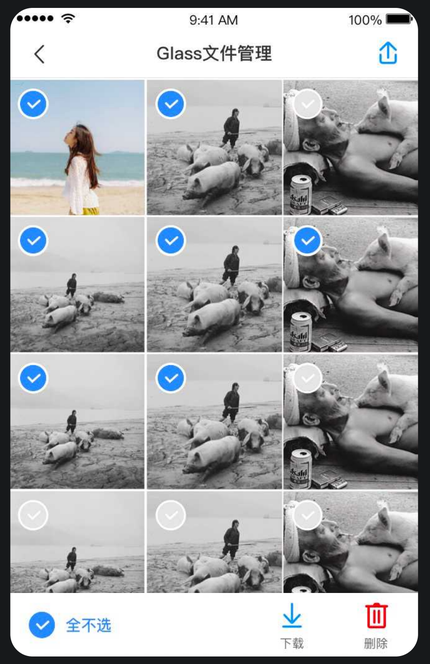
From "APP - File Management"

From APP, tap File Management



Album file list

After the device is connected, your mobile phone will automatically synchronize album files in the device



Tap and hold the list to enter the edit mode

Tap and hold the list image to enter the edit mode

You can select to download or delete a selected image

Album details

You can select to download or delete album details

Mobile APP

Add face features

From "Homepage Face Features Management

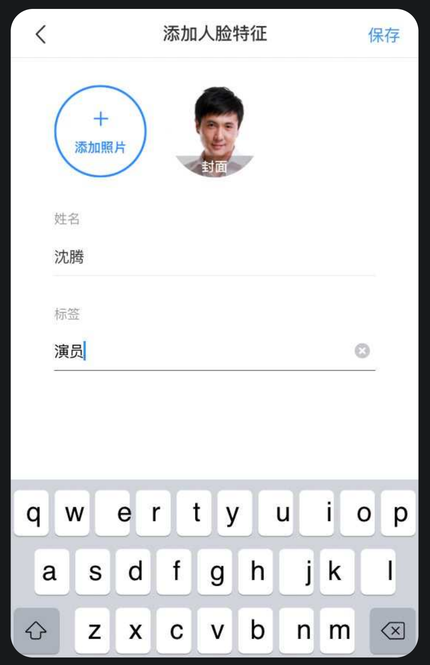
There are two ways to add faces: selecting from album or taking a picture

Selecting from album

Select a picture from the album as instructed

Take a picture and upload

Use your mobile phone to take a picture as instructed (The front camera is turned on by default)



Add name and label

Edit name and label after a face is added, save to make it effective

Mobile APP

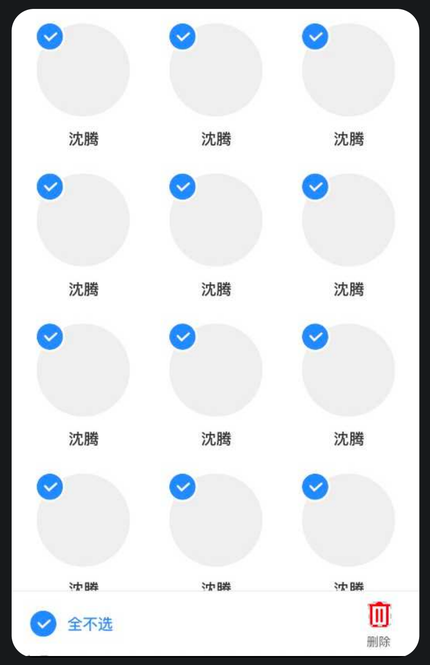
Delete face features

From "Face Features Management"

Accounts stored in the existing face features library access to the features library list page

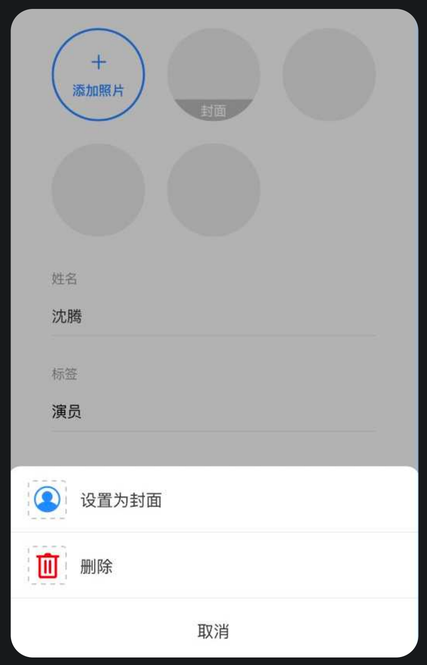
Batch delete

On the list page, tap and hold the avatar to enter the batch select page and confirm your selection



Select data to delete

On the list page, check the desired feature and then tap the <872>Delete</872> key on the lower right corner



Delete one item

On the details page of a single face feature, tap the respective avatar and delete it

Mobile APP

Remote collaboration - add contact

From "APP - Remote Collaboration"

On the homepage of remote collaboration, tap the Add icon on the upper right corner

Add contact information

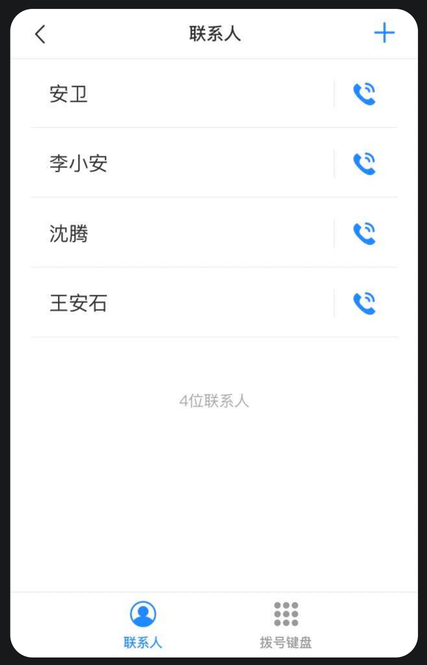
Add contact information and then tap Save

Added

After the contact information is added, the system will automatically return to the contact list page

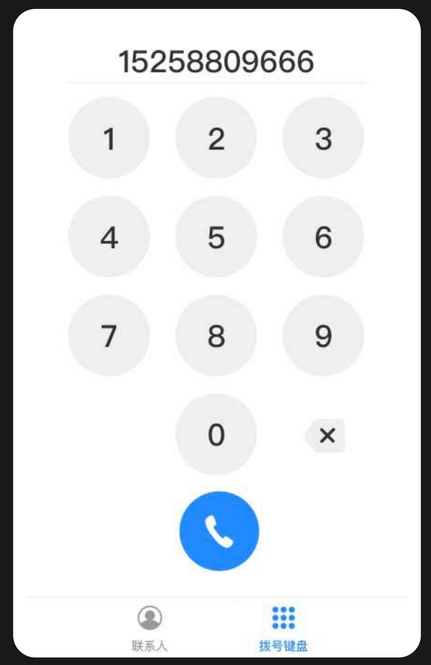
Mobile APP

Remote collaboration - dial up



Address book dial-up

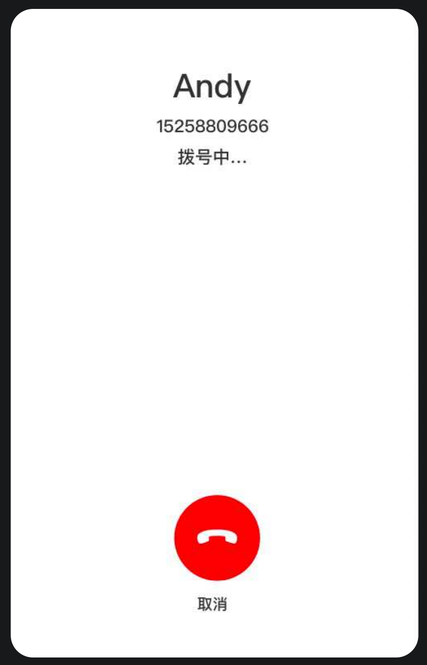
From the "Remote Connection Address Book", select the contact to dial up



Manual dial

Tap the TAB on the bottom to switch to manual dial up

Input the dial-up number and dial up



Dialing up

The dial-up page displays the Dialing-up message

The call will be automatically hung up if it is not answered within 1 minute

Mobile APP

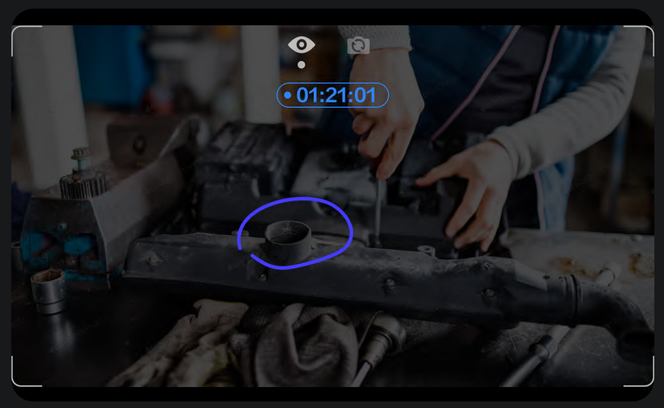
Remote collaboration - tagging

Select a tagging tool

After remote collaboration is connected, on the page, tap to select the tagging tool on the lower left corner

Graffiti-Tagging within dotted line

After the tagging tool is selected, you can carry out graffiti-Tagging within the dotted line, and the screen will displays purple tag



Tagging appears on the glass side in real time

After tagging is complete on your mobile, tagging information will be synchronized to the glasses in real time.

FAQ

How to power on/off?

- Check whether the battery has sufficient capacity (If the battery level is low, pressing and holding the power key will displays the Battery Low message)
- In off state, press and hold the power key for 5 s to display the boot screen
- In on state, press and hold the power key for 3 s to shut the device down, and then for 15 s to restart the device

No response when pressing and holding the power key?

- Check whether the battery has sufficient capacity (If the battery level is low, pressing and holding the power key will displays the Battery Low message)
- With low battery level or dead battery, please ensure that the power cord is properly connected to the device, and wait for 5 minutes and try again later.
- Properly connect the "type-C" interface of the power supply and check whether an indicator signals when the power supply is connected to the charge interface of the glasses.
- If the problem persists, please contact the service center.

How long will the device take to be fully charged?

- There is not a standard answer for this question. The charging efficiency and time are affected by the type of a power supply and battery level of the device.
- Theoretically, if an official charger is used, it may take about 1 hour to fully charge the glasses. It varies slightly according to the actual situation.

How long will the device take to be upgraded?

- The time (5-30 minutes) required for upgrade is different depending on the size of updates. Please wait patiently.
- Upgrade can be completed in background without affecting normal operation of the device. Updates come into effect after restart
- Please keep the device on and connected and ensure sufficient battery level during upgrade (operate as instructed by the system).

What's the effect from shutdown or restart during upgrade?

- The device operates normally during upgrade. If the device shuts down or restart during upgrade, this upgrade will fail.
- Failure of this upgrade will not lead to damage to the system or device. Simply try it again later (updates come into effect after restart)

Black screen during use

- Press the power key to check this is caused by mis-operation
- Check whether shutdown is resulted from low battery level
- If the problem persists, please contact the service center.

No response when initiating speech wakeup?

- Please check whether "Setup Wake up with "Rokid" option is enabled (disabled by default)
- Use the wakeup word, ensure proper pronunciation and try to avoid noisy environment
- If the device can be woken up but no instruction is executed, please check the instruction for correctness (for details, see the instruction list)

Service Support

- For any non-human damages to the device, please immediately contact the Rokid service center
- For any problem, please immediately contact your local vendor

Warranty Period

- We provide customers with one (1) year warranty for the complete set (excluding battery, consumables and artificial damages)
- For the products with quality defects, we will provide after-sales service of 15-day replacement from the date of purchase

- Please note that any of the following conditions is not covered by the warranty

Beyond the warranty perio

Damages due to failure to use, maintain or store the product in accordance with the instructions for use

Damages due to unauthorized disassembly

Invalid warranty certificate and invoice (except when evidences available can prove that the product is within the warranty period)

Alteration of the warranty certificate without authorization

Mismatching of product model or code indicated on the warranty certificate with the claimed product

Damages due to infection with virus during use

Damages due to any force majeure

FCC Statement

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.
(2)This device must accept any interference received, including interference that may cause undesired operation.
2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
Note: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 frequence 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 accor in a particular installation.if this equipmemt 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 autlet on a circuit different from that to which the receiver is connectec.
- Consult the dealer or an experienced radio/TV technician for help.
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This device complies with FCC radiation exposure limits set forth for an uncontrolled environment.

Kindly Reminder

If the problem persists, please forcibly restart the device (by pressing and holding the power key for 15 s), or ask a technician for help.