

homeid

NEXT-GENERATION INTERCOM PANEL

USER MANUAL

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DESCRIPTION



Touchscreen intercom panel **homeID** - an assistant in controlling access to your private property.

The system can be installed in business centers, gyms, parking lots, and other places where an access control system is needed. It also works seamlessly in multi-apartment/private residential complexes, providing all the functionalities of a traditional intercom system that we are accustomed to.

DESCRIPTION

TAKING THE EXAMPLE OF AN INTERCOM SYSTEM

How does it work

The operational principle is similar to that of a traditional intercom system. On the touch screen intercom panel, guest deals the apartment number and the call that forwarded to the residents mobile phone\laptop\pc or home phone.

How the calls behave

When a call is made to the apartment, the notification will be sent to all users associated with that particular apartment. The call will continue until one of the users (family members) answers it. In such a case, the call will be canceled for all other users.

It is possible to register an unlimited number of users for a single apartment

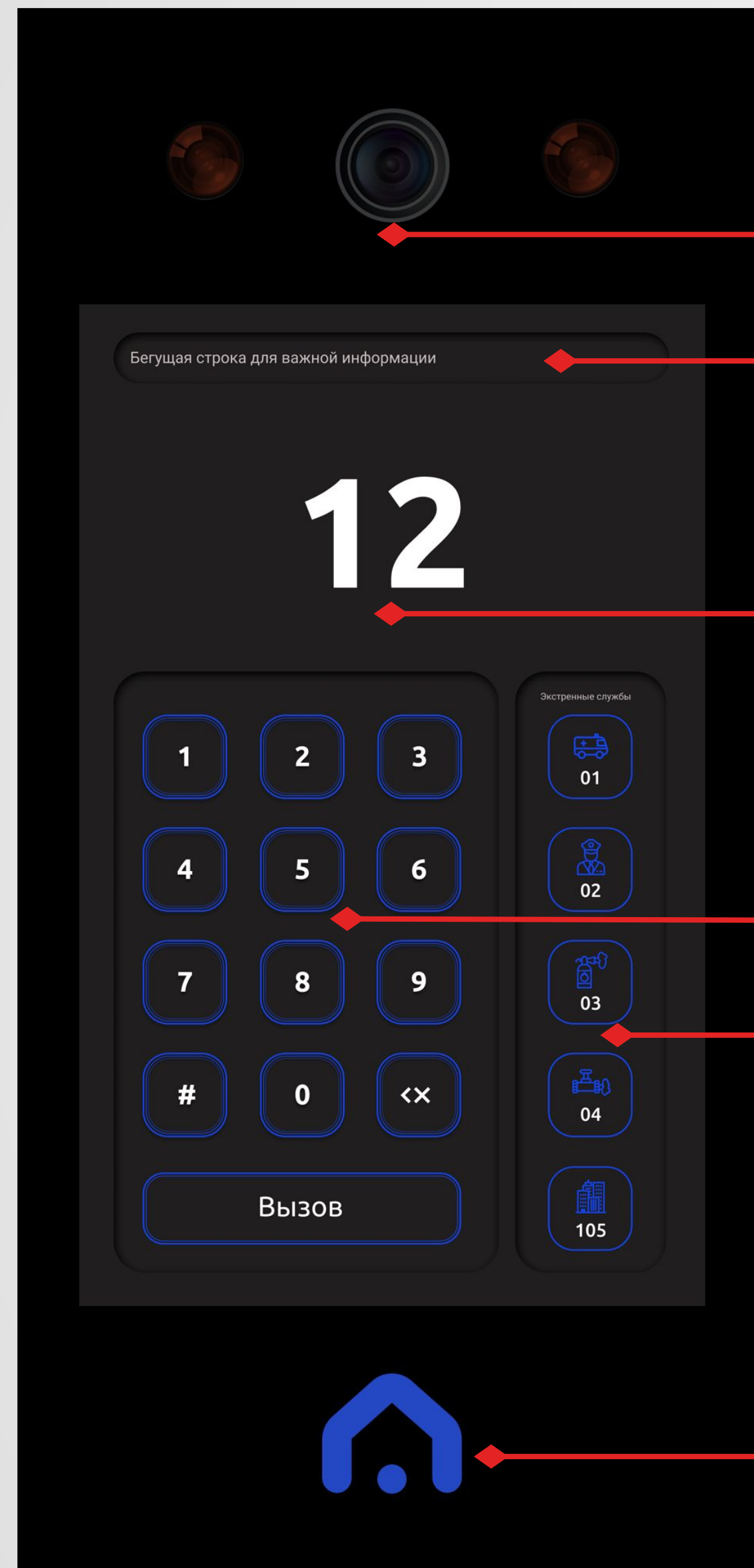
is is possible to register any family member you want for a your apartment. Additionally, you have the option to disable access for users if necessary.

There is must be an internet connection

For the calling and remote door opening functions to work, an internet connection is required. In case of internet unavailability, you can still open the door using a keycard or a keycode.

TOUCHSCREEN INTERCOM PANEL

DEFAULT SCREEN



Camera

A scrolling marquee for displaying important information.

Input field for apartment number and door code.

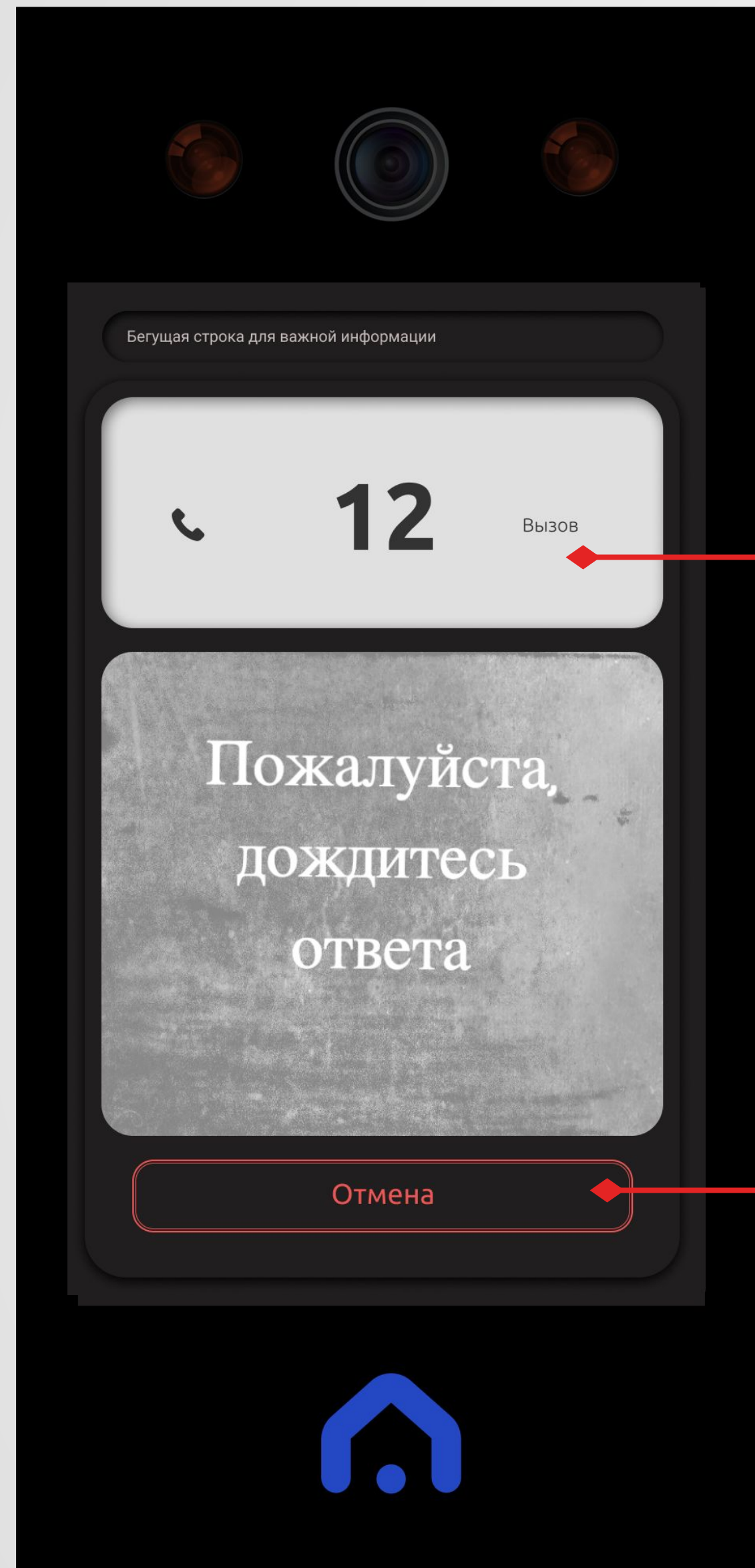
Button-based keypad section.

Section with additional information

Rfid/nfc reader

TOUCHSCREEN INTERCOM PANEL

CALL SCREEN



The panel, initially, is in a waiting state for the apartment number to be dialed (Slide 5). The guest dials the apartment number (for example, 12) and presses the 'Call' button. The panel transitions to the calling state.

If the call goes unanswered, after some time, the panel will return to the waiting state for number dialing.

Call section (call in progress)

Cancel button

TOUCHSCREEN INTERCOM PANEL

CALL TO THE APARTMENT (CONVERSATION START)



When the user (resident of apartment #12) picks up the receiver and initiates a conversation, the panel will enter the talking mode.

The calling section will change its color to green, and the duration of the conversation will start counting on the right side.

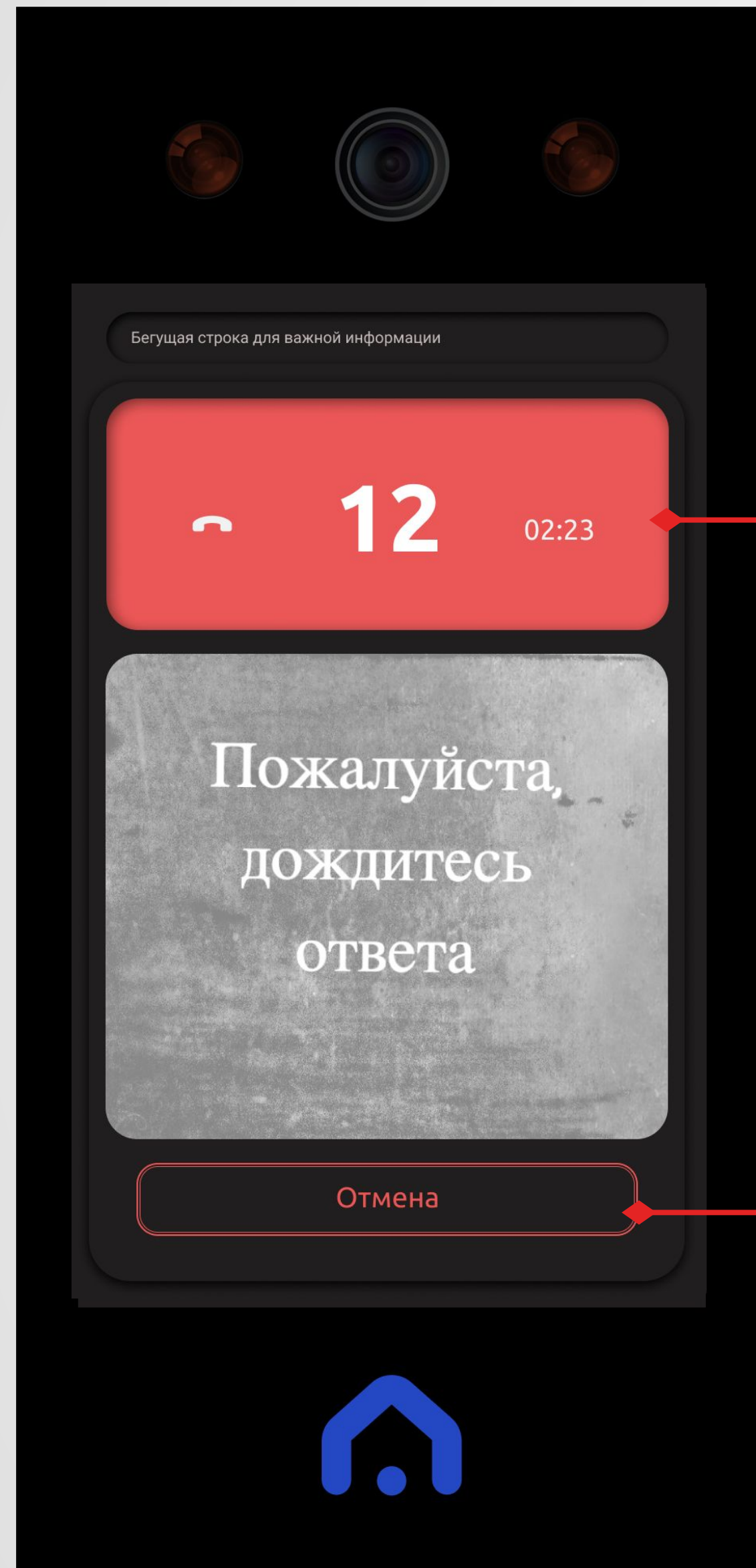
Now the guest and the resident can hear each other and engage in a conversation.

Call section (green color - conversation started)

Cancel button

TOUCHSCREEN INTERCOM PANEL

CALL TO THE APARTMENT (CONVERSATION END)



When the user (resident of apartment #12) ends the call by hanging up the receiver or if the guest presses the "Cancel" button, the panel will enter the call termination mode.

The calling section will change its color to red, and after a few seconds, the panel will transition back to the waiting state for entering the apartment number (Slide 5).

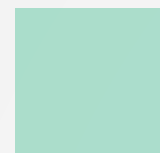

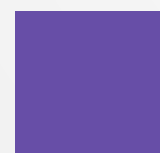


Call section (conversation ended)

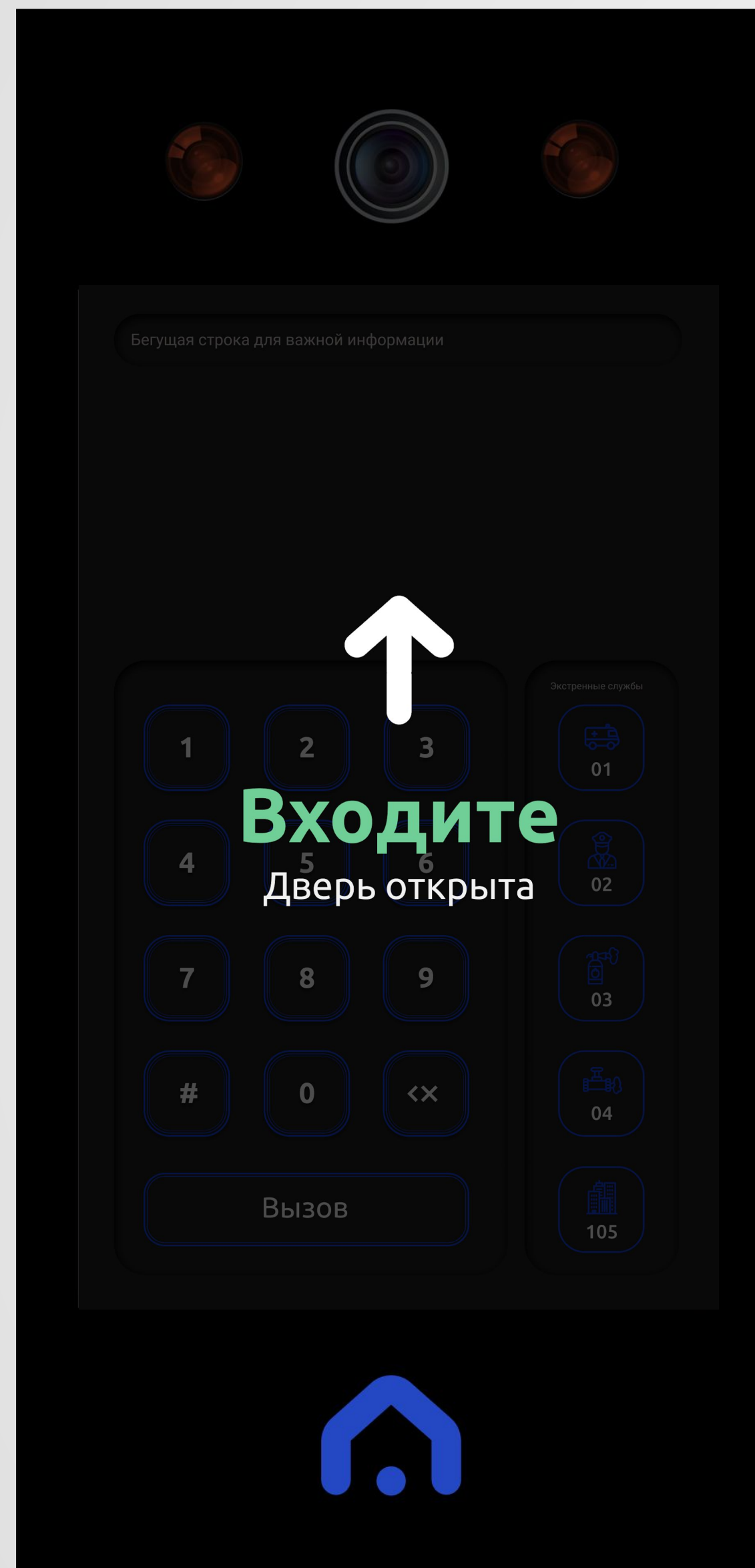
Cancel button

TOUCHSCREEN INTERCOM PANEL

HOW TO OPEN A DOOR

There are few options to open the door:

-  **using mobile/desktop application**
By touching the button on main screen of the mobile application (slide 16)
-  **using mobile/home phone**
There is a possibility to make calls over regular gsm network to mobile phone or home phone. During the call press "0" to open a door
-  **using passcode (slide 10)**
-  **using bluetooth on your mobile phone (slide 22)**
-  **using a rfid key**

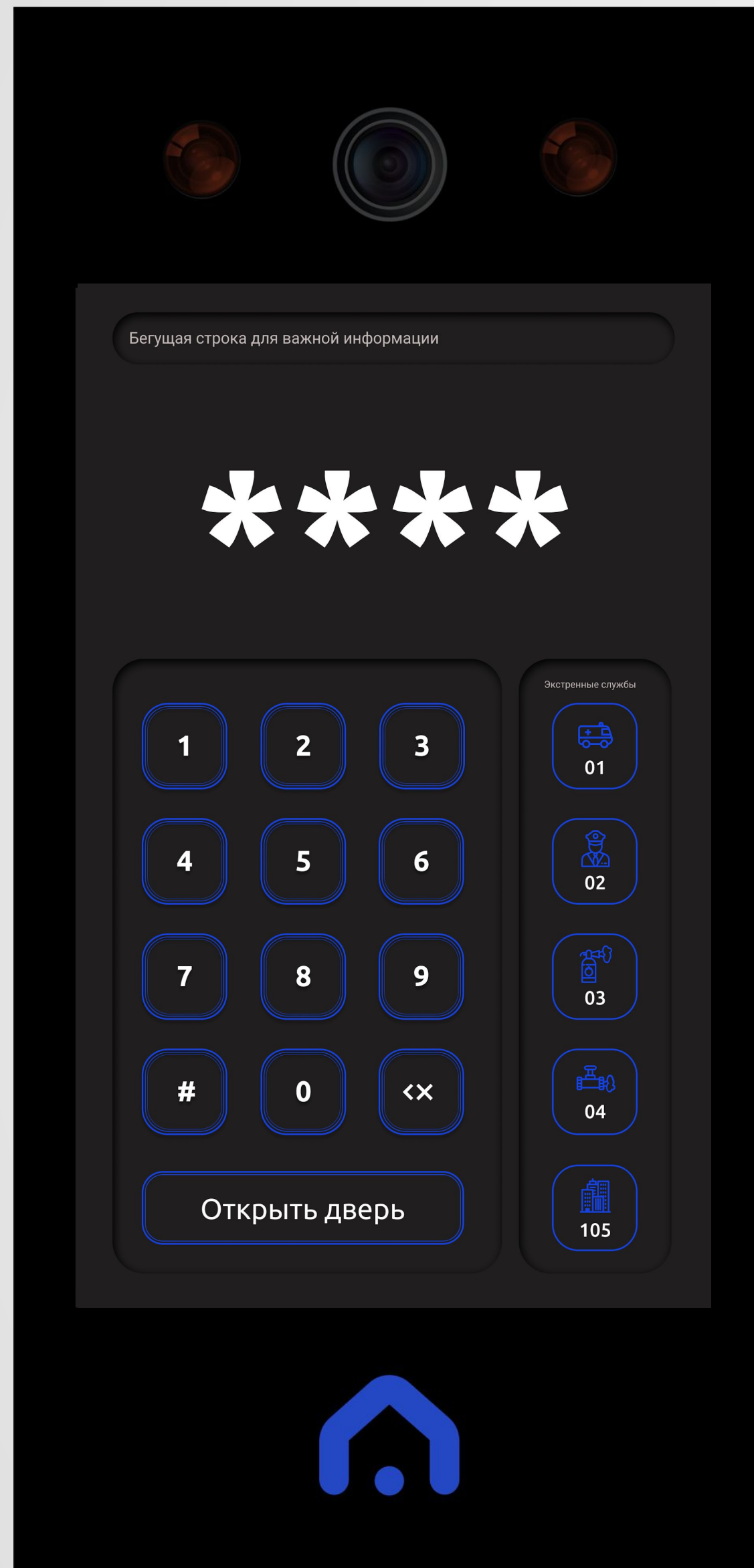


TOUCHSCREEN INTERCOM PANEL

PASSCODE

The door can be opened using a code, just like in a traditional intercom system. The code for door opening is provided in the mobile application's information section (Slide 17).

To enter the code, press the '#' button on the panel. The panel will enter the code entry mode, and the 'Call' button will change to 'Open Door.' Enter the code, and the door will open, accompanied by the message 'Door opened' (Slide 9). After a few seconds, the panel will return to the waiting state for entering the apartment number.



MOBILE APPLICATION

The HomeID mobile application is available on three platforms: iOS, Android, and Huawei.

To register for the service, you need to download the mobile application and register using the document package you received when signing the contract.

Once registered, you will be automatically linked to the number of your apartment. Similarly, an unlimited number of users (family members) can be linked to the apartment in the same way.

For the service to function properly an internet connection is requiredю

MOBILE APPLICATIONS

Install the HomeID application - go to Google Play Market, Huawei AppGallery, or Apple App Store, enter "HomeID" in the search bar, or scan the QR code for your platform.



QR for
IOS



QR for
android



QR for
huawei

MOBILE APPLICATION

REGISTRATION

Please launch the application and begin the registration process.

During the registration process, the application will request several permissions from you:

- **microphone usage permission** (to allow you to communicate during calls)
- **notification usage permission** (to allow you receive calls)
- **camera usage permission** (to allow you scan qr code)


To ensure the full functionality of the application, it is necessary to grant permission for these three items.

MOBILE APPLICATION

REGISTRATION

Registration

Enter your phone number

 +1

(258)888-0000

Done

1
ABC

2
DEF

3
GHI

4
JKL

5
MNO


6
PQRS

7
TUV

8
WXYZ

9

0



Select your country
and enter your mobile number



Enter your code

Wait for a call to the number
+12588880000

Enter the last 4 digits of the
incoming number

+ 7 (495) 345-XX-XX

You can resend the code via 00:56

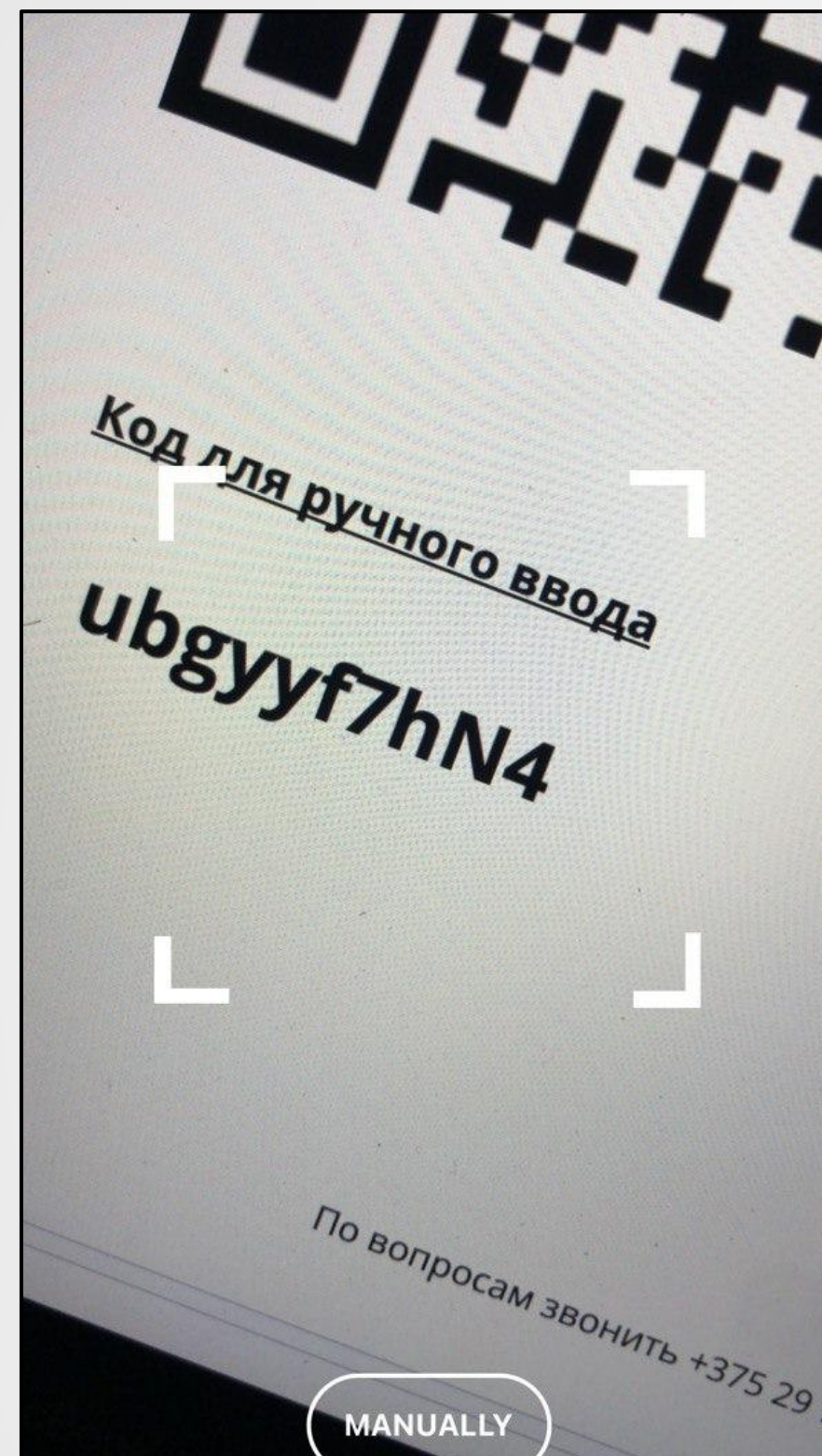
SEND CODE AGAIN

Enter the last 4 digits.

If the call did not come through, after the timer expires,
please press "Resend Code" to send the code again.

MOBILE APPLICATION

REGISTRATION



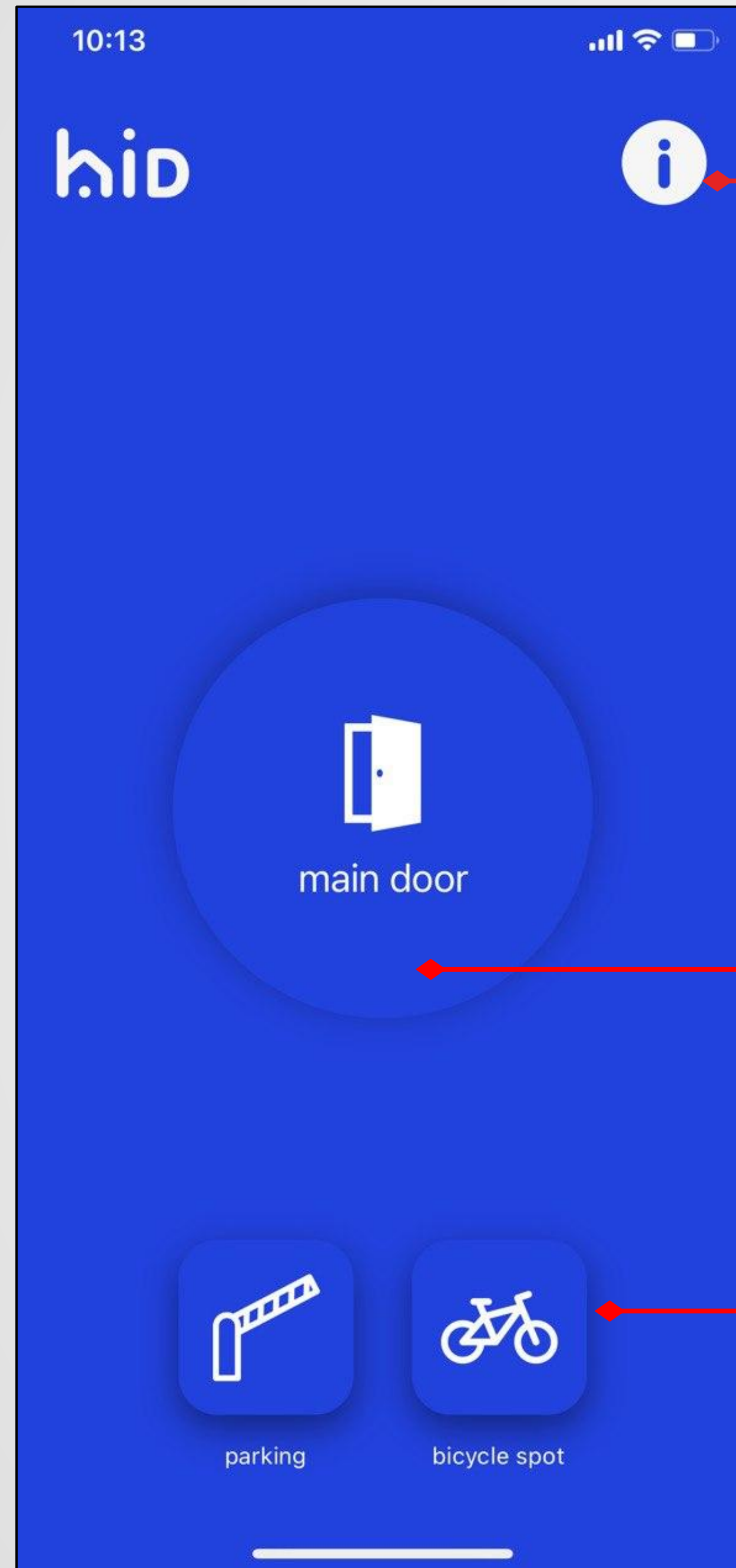
Scan QR code for you apartment.

It is included in the documents that you received when signing the contract.

If you don't have the ability to scan the QR code, please press "Manual" and enter the code in the window that appears.

MOBILE APPLICATION

MAIN SCREEN



After the registration you will see the main screen of the app.

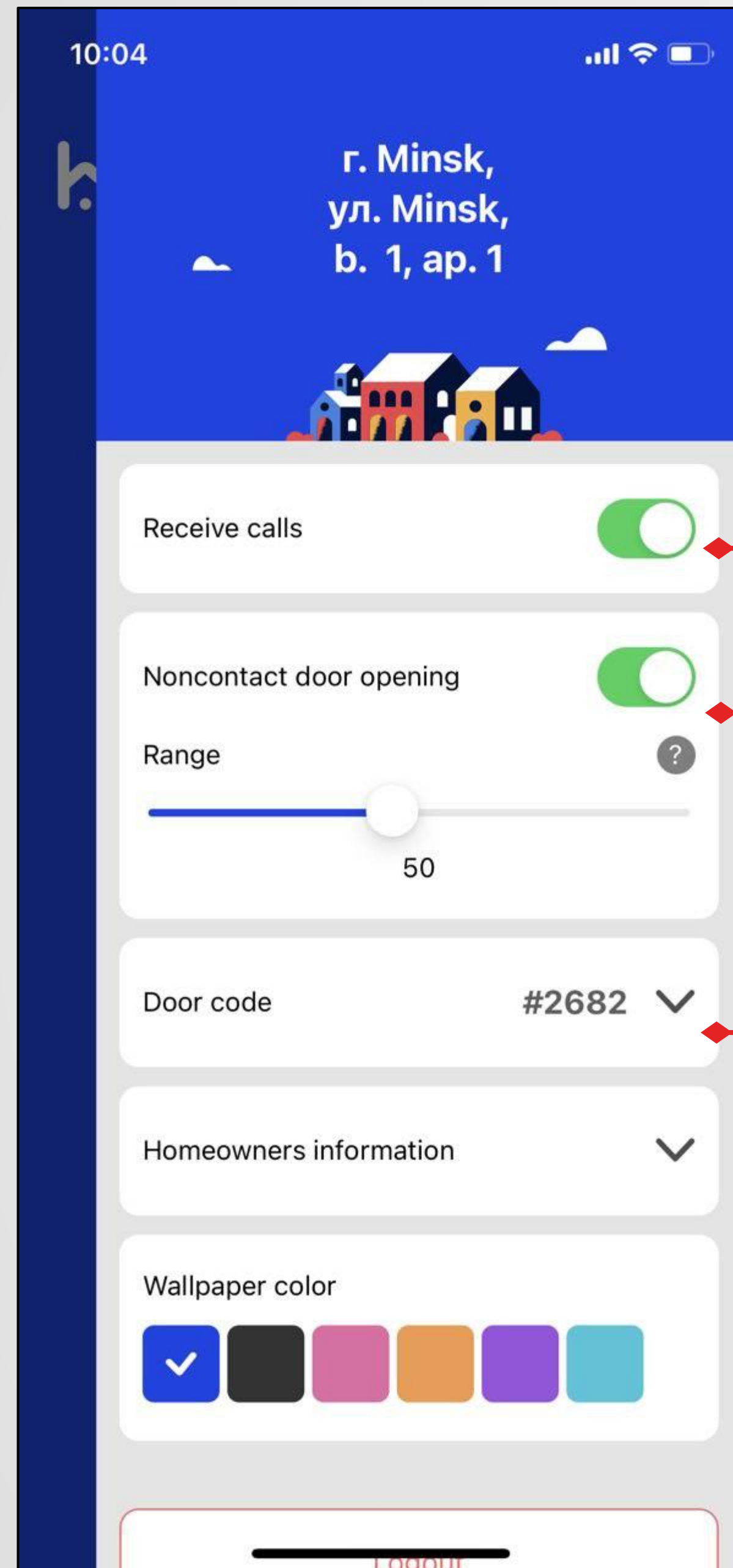
application settings and information (слайд 17)

main door open button

additional buttons (for open parkings, gates, basements etc.)

MOBILE APPLICATION

INFORMATION SECTION



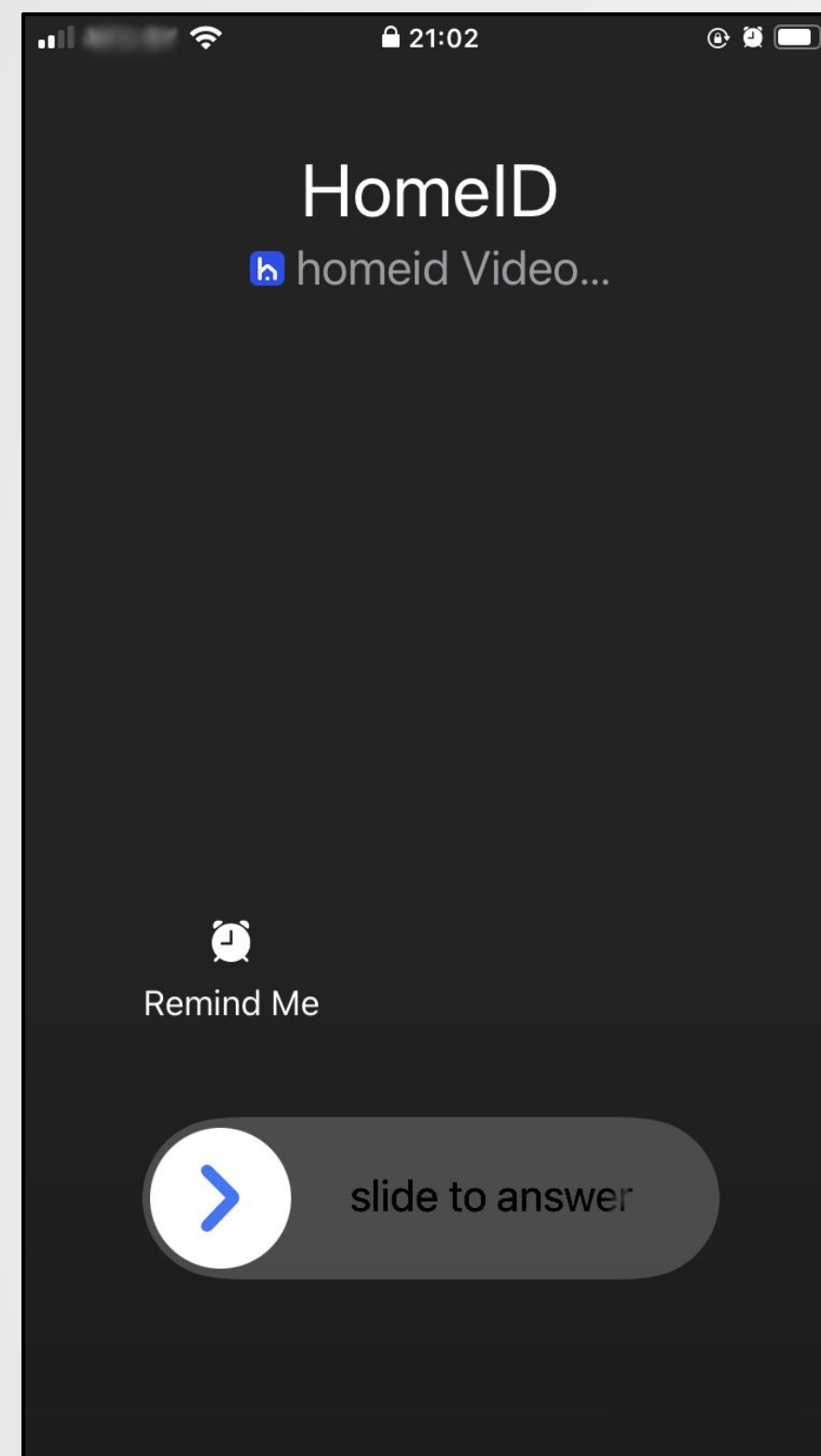
toggle receive calls

toggle contactless door opening and adjusting Bluetooth sensitivity (Slide 25).

door code and guest code section

MOBILE APPLICATION

CALLS



Calls work the same way as in familiar messaging applications.



After accepting the call, you will immediately see a live video feed with sound from the doorbell camera. The guest is still unaware that you have answered the call.

MOBILE APPLICATION

CALLS



You can zoom video by clicking on the loupe icon



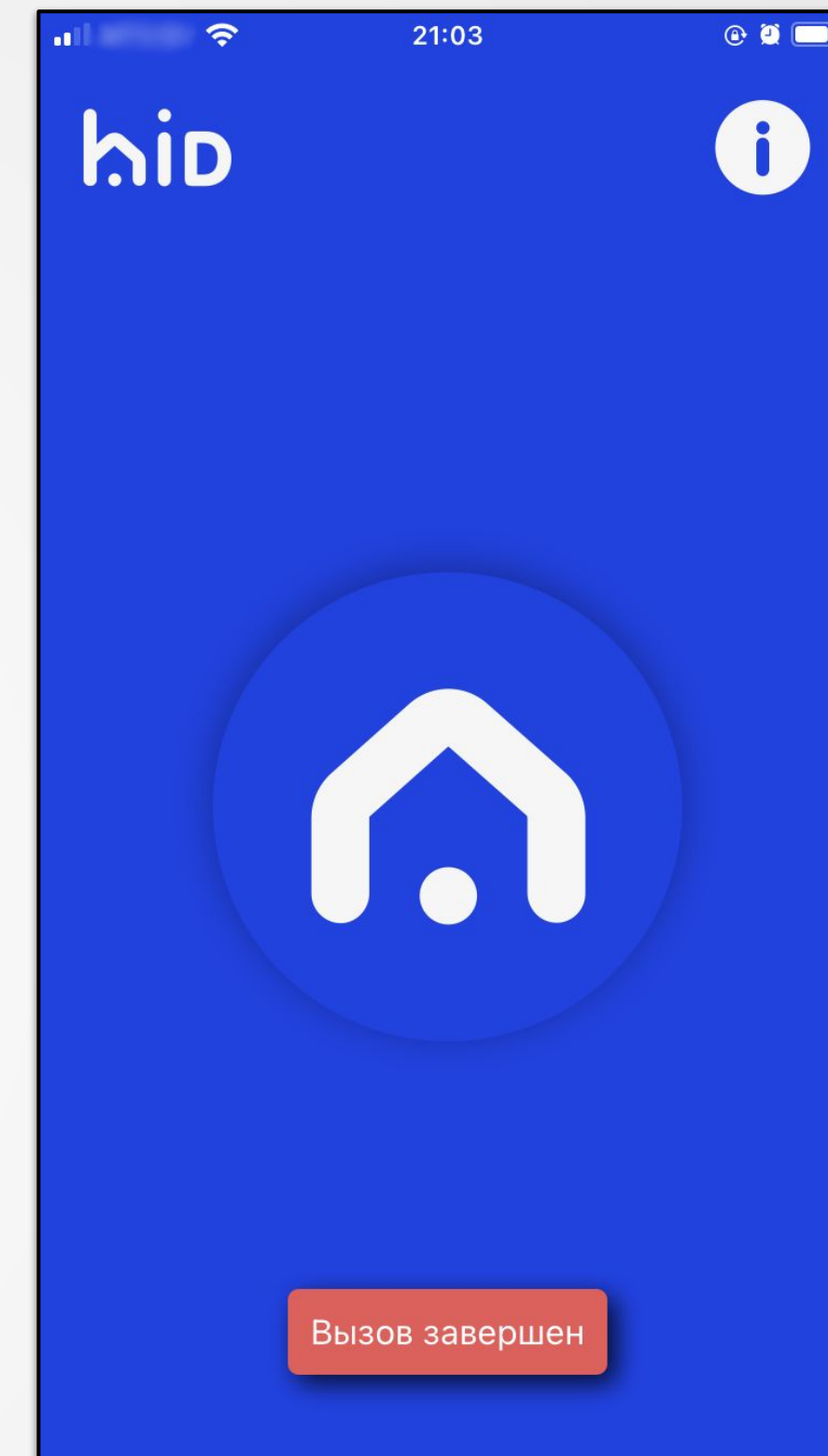
To start a conversation with the guest, you need to press the "Speak" button (with the microphone icon). The panel will change its state (Slide 7), and the timer for the duration of the conversation will start.

MOBILE APPLICATION

CALLS



Button "Open" opens the entrance from which you get the call



To end the call, you need to press "End Call". The call will be terminated, and the application will return to the main screen. The call on the door panel will also end.

MOBILE APPLICATION

HOW CALLS WORK

When a resident answers the call, they can see and hear the guest, but the guest is not aware that the resident has picked up the call yet (the panel is still attempting to establish a connection with the intended recipient).

After the call is answered the residential can:

- 1. end the call** - by pressing "Cancel" button. The panel will remain in the calling state (slide 6) for a certain period (if the call was not answered), and then automatically transition to the waiting state for apartment number input (slide 5).
- 2. open the door** - by pressing "Open" button. The call will automatically end, and the guest will see a message indicating that the door is open, and the door will be unlocked. The panel will automatically transition to the waiting state for apartment number input (slide 5).
- 3. speak to guest** - by pressing "Speak" button. The panel will switch to the conversation mode (slide 7), and instead of the microphone icon on the phone, a timer indicating the call duration will appear. Then the user can open the door and/or end the call.

CONTACTLESS DOOR OPENING

BLUETOOTH AND HOW DOES IT WORK

The HomeID intercom panel can open the door for you automatically, so you don't have to retrieve your key fob or enter a code.

To enable "Contactless Door Opening," you need to activate it in the information section of your smartphone (slide 18).

For the functionality to work, Bluetooth and mobile internet need to be enabled. Additionally, the HomeID application requires certain permissions to be granted (slides 26-28).

The service uses Bluetooth Low Energy (BLE), which has ultra-low power consumption. Therefore, you don't need to worry about your phone's battery draining quickly.

See slides 24 и 25

CONTACTLESS DOOR OPENING

SENSITIVITY

Each phone, especially Android smartphones, has its own Bluetooth working characteristics. Some phones may have more sensitive Bluetooth capabilities, allowing them to work at greater distances, while others may have less sensitivity. Additionally, physical obstacles can affect Bluetooth signals, even if the phone is inside a bag, resulting in a weaker signal.

Therefore, the sensitivity settings will be personalized for each user. For some users, it may be necessary to be several meters away from the entrance to open the door, while for others, it may be much closer. By using the sensitivity slider (Slide 18), you can adjust the distance at which the HomeID panel should open the door specifically in your case.

The lower the value, the closer the proximity at which the door will be opened. For iOS phones, this parameter is typically set around 60-70. It is recommended to adjust the sensitivity setting gradually and test the functionality to determine the optimal value for your particular phone.

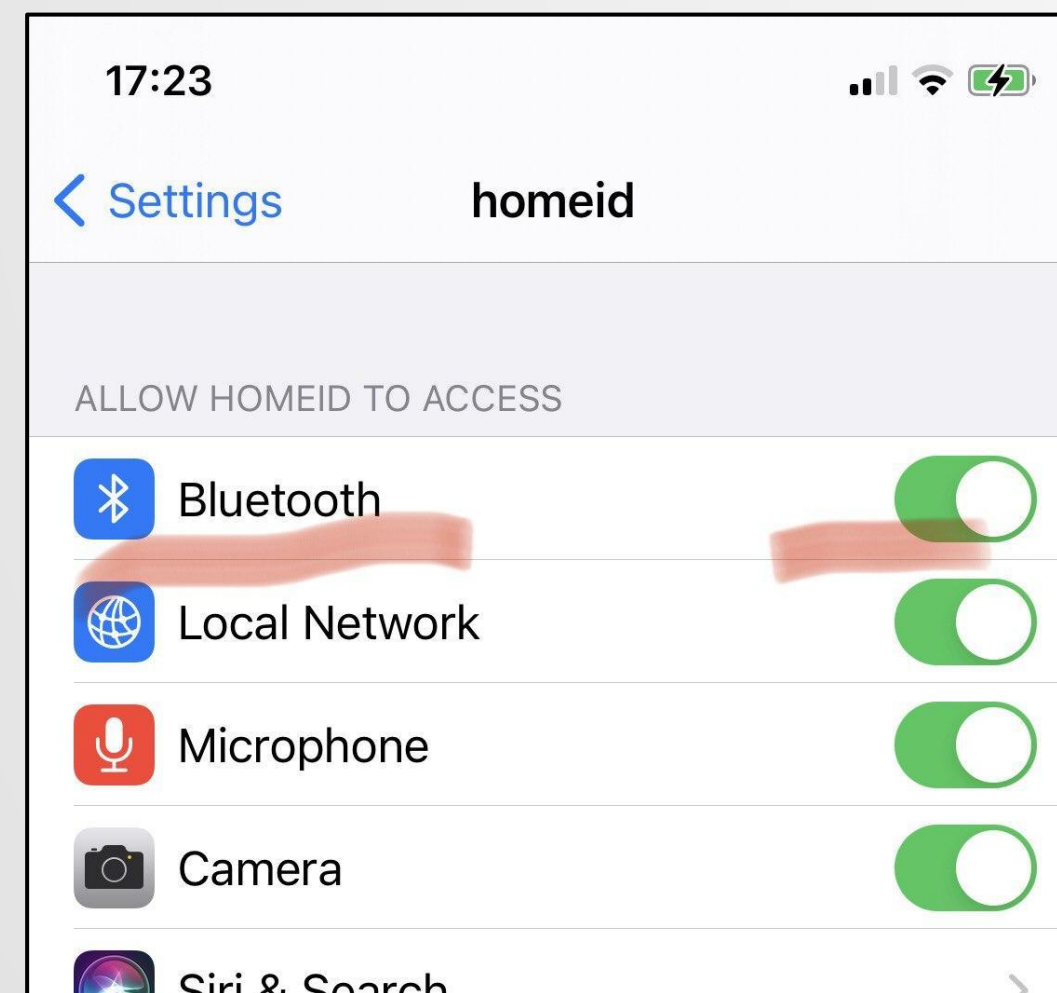
CONTACTLESS DOOR OPENING

PERMISSIONS

Bluetooth device must be turned on

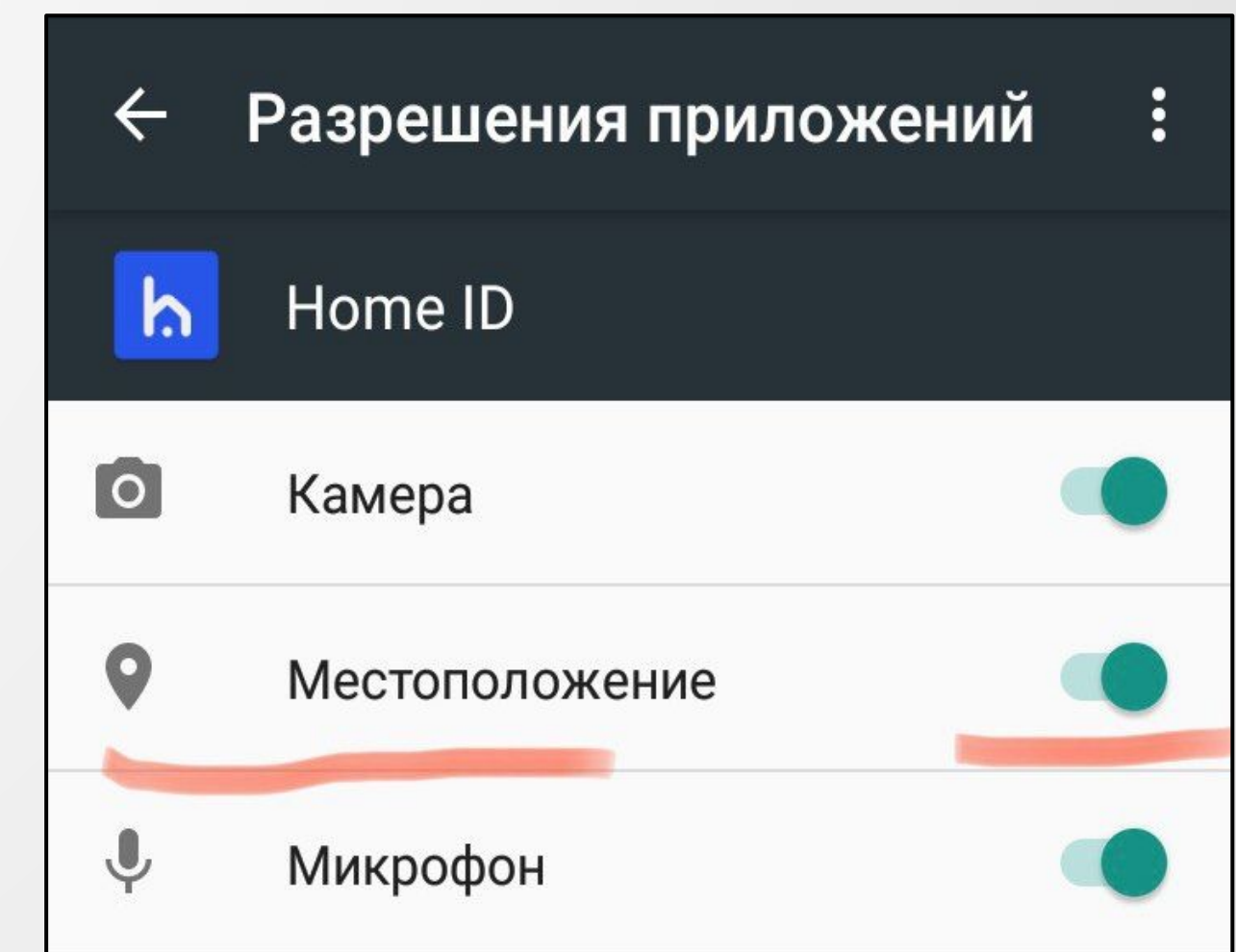
ios permission

- ble usage



android permission

- geolocation usage



CALLS OR CONTACTLESS DOOR OPENING NOT WORKING

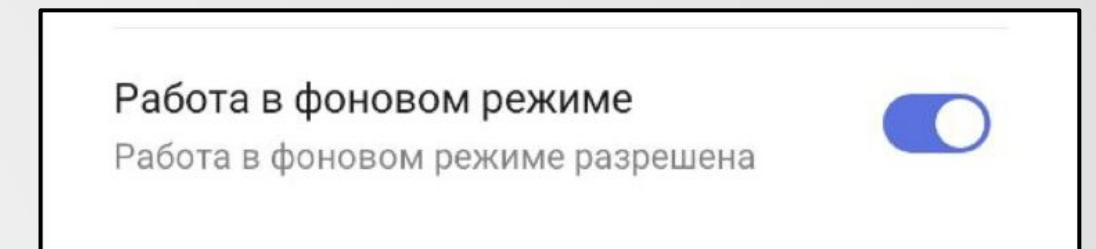
Why on some Android devices (Xiaomi, OnePlus, Samsung, Oppo, Vivo, Asus, Sony, Honor), calls may work incorrectly or not work at all ?

Phone manufacturers impose such restrictions on background activities, such as handling push notifications required for calls, in order to increase the battery life of the phone.

Often, such issues occur on Xiaomi phones. To fix this, you need to make certain settings on your phone. (next slide)

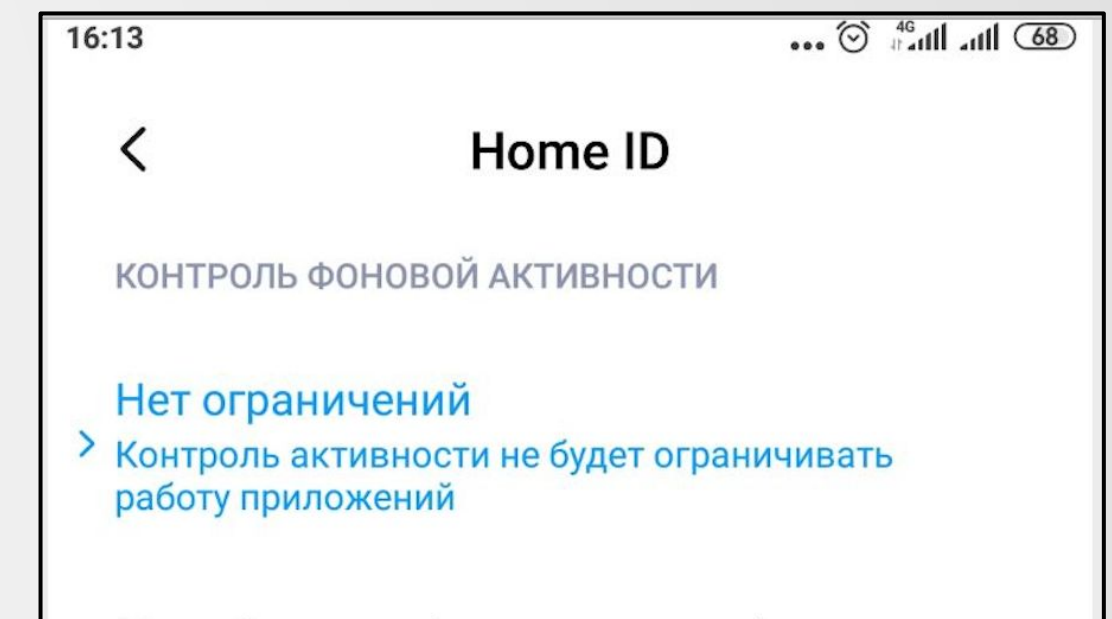
HOW TO FIX THE CALLS OR CONTACTLESS DOOR OPENING

Step 1. Ensure that the background work is allowed



Step 2. Disable the built-in battery optimization and background activity, please follow these steps

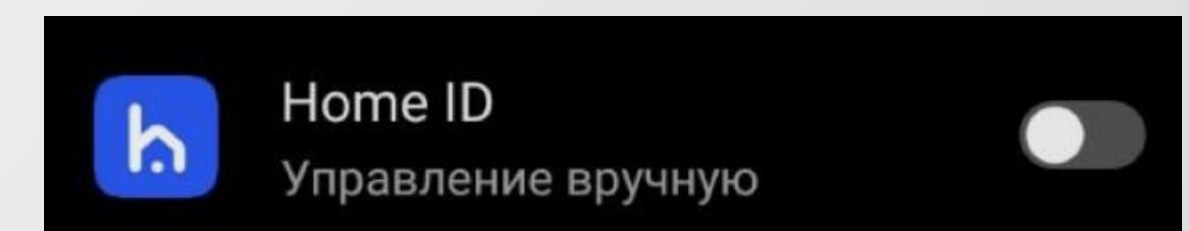
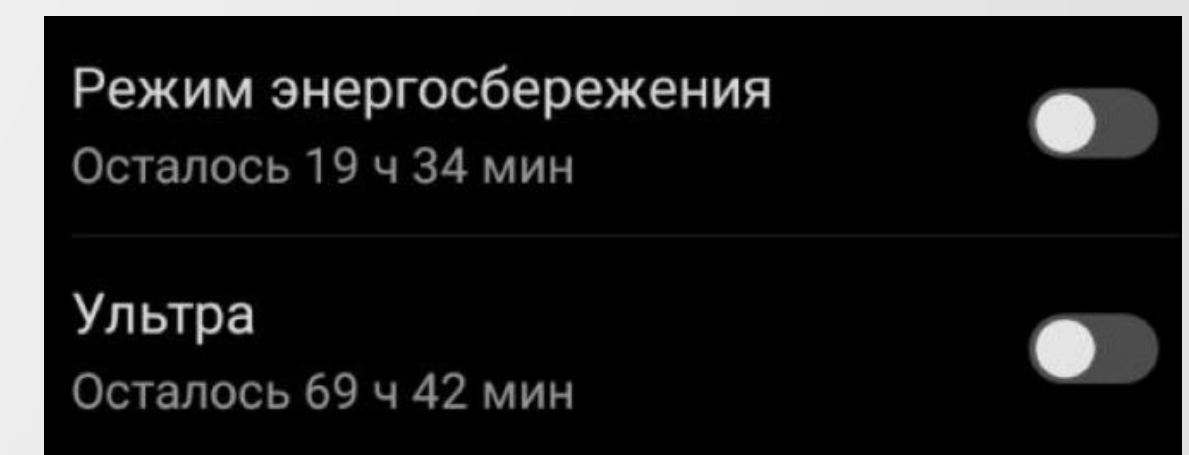
Settings - Charging and performance - Select HomeID - No restrictions. (This setting may not exist, it's okay)



Step 3. Disable power-saving mode and automatic app management (enable manual management)

Settings - Battery and performance - Select HomeID - No restrictions.

Settings - Battery - App launch.



Some settings may not be available on your phone.