



# GV-Access for iOS and Android Mobile Devices

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## Introduction

GV-Access Mobile Applications allow you to access up to 5 GV-ASManager systems through an iOS or Android mobile device. Download **GV-Access** from Apple App Store on iTunes or Android Play Store. After installing the application, the GV-Access icon will appear on the desktop.



## System Requirements and Specifications

<b>Mobile Application</b>	<b>GV-Access V1.1</b>
<b>OS Supported</b>	iPhone, iPod Touch and iPad with iOS 9 ~ 10
	Android version 4.1.2. ~ 6.0
<b>System Supported</b>	GV-ASManager V4.4.2.0
<b>Default Port Settings</b>	<ul style="list-style-type: none"> <li>• GV-ASManager: 80 (connection)</li> <li>• GV-AS Controller (AS 21xx / 41xx / 81xx) and GV-CS1320: 4000 (data and command transmission)</li> <li>• GV-IP Camera and GV-CS1320: 10000 (video transmission)</li> </ul>
<b>Functions</b>	<ul style="list-style-type: none"> <li>• Watch live view of cameras that are connected to GV-VMS / DVR / NVR and mapped to a door or lane</li> <li>• Lock or unlock a door</li> <li>• Check door status to see if alert events have occurred</li> <li>• Open an LPR lane</li> <li>• Receive Push Notification from GV-CS1320</li> </ul>



## Connecting to GV-ASManager

### Enabling Remote Access on GV-ASManager

**Note:** If there is a router or firewall installed on the server site of the GV-ASManager, ensure that the communication ports required by the GV-Access app are open: 80 (HTTP port), 4000 (data and command transmission), 10000 (video transmission).

Before GV-Access can connect to a GV-ASManager, the GV-ASManager must be set to allow remote access:

- On the menu bar of GV-ASManager, click **Tools**, select **Servers** and enable **Web Server**. This dialog box appears.

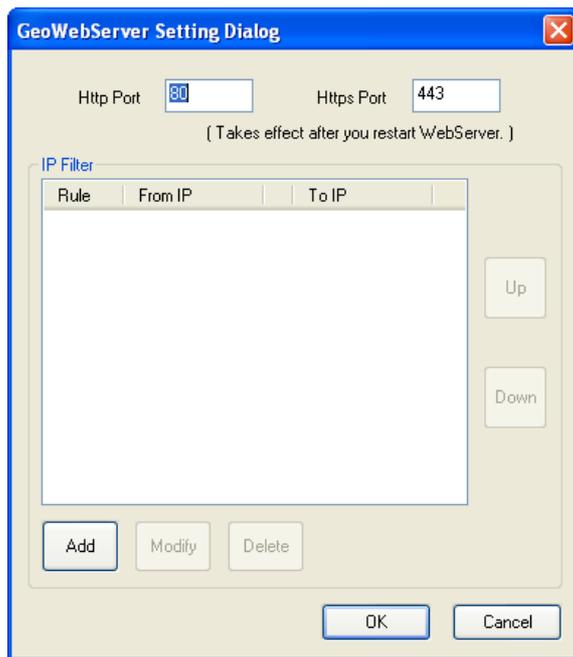


Figure 14-2

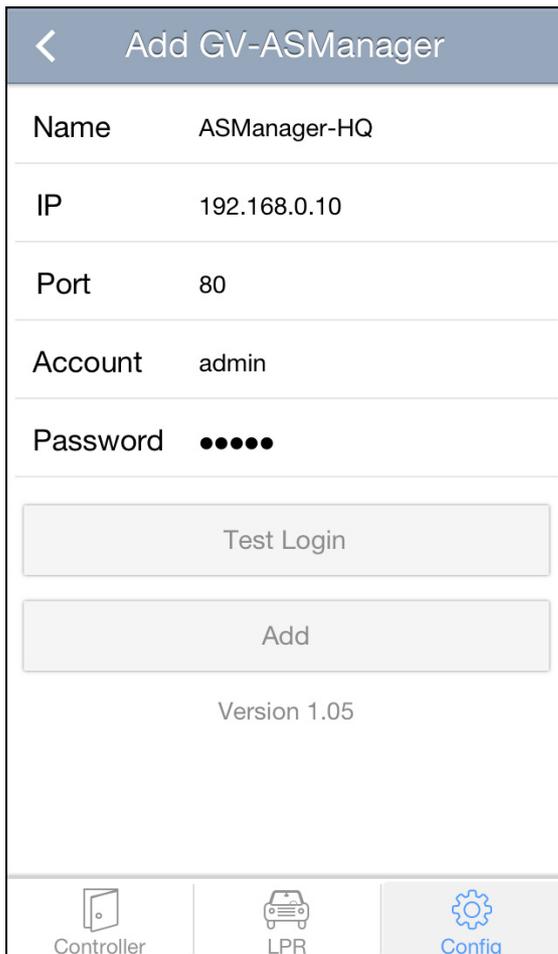
If you want to grant or deny the access from certain IP addresses, click **Add**, and type the IP addresses. Otherwise click **OK** to start the connection. When the server is started, the icon  appears at the bottom of the main screen.



## Connecting GV-Access to GV-ASManager

Tap the **GV-Access** icon  on the desktop of your mobile device. There are three tabs on the bottom: **Controller**, **LPR** and **Config**.

1. Tap the **Config** tab and tap the **Add** button .



Add GV-ASManager		
Name	ASManager-HQ	
IP	192.168.0.10	
Port	80	
Account	admin	
Password	●●●●●	
<input type="button" value="Test Login"/>		
<input type="button" value="Add"/>		
Version 1.05		
 Controller	 LPR	 Config

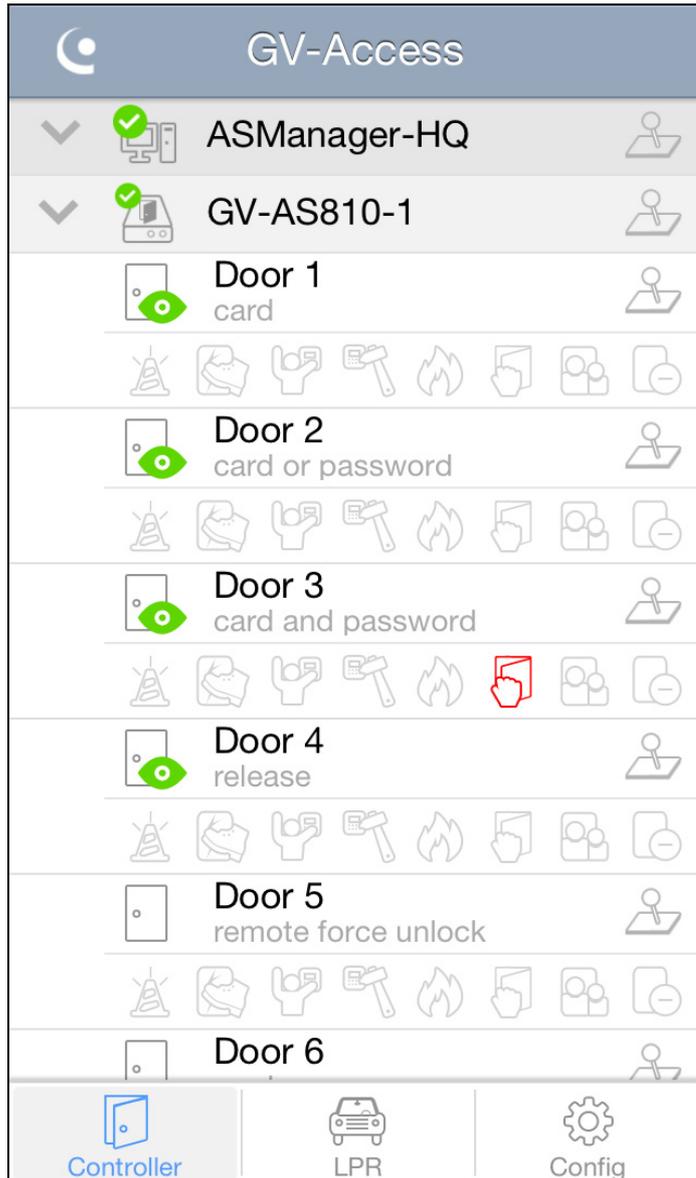
2. Type a **Name** to help you identify the GV-ASManager and type the **IP** address, **Port**, login **Account** and **Password**.
3. Tap **Test Login** to test the connection with GV-ASManager.
4. Tap **Add** to add the GV-ASManager.



## Managing Controllers

After adding GV-ASManager to GV-Access, the controllers and doors associated with the GV-ASManager will be listed under the **Controller** tab.

1. Tap the **Controller** tab.



The authentication mode is listed under each door: card mode, card or password mode, card and password mode, and release mode. When you remotely control the doors using GV-Access, the action taken will be listed instead until Disable Door Operation is selected.



The following icons are available.

Icon	Description	Icon	Description
	Connected		Camera(s) available
	Disconnected		Control door(s)
<p><b>Note:</b> To access camera live view, the camera(s) associated with the door must be connected to a GV-VMS / DVR / NVR.</p>			

The following alert icons are available. When alert conditions occur, the alert icon will light up in red. To clear the alert, tap the red icon and select **OK**.

Icon	Description	Icon	Description
	Alarm		Fire Alarm
	Force Open		Held Open
	Duress		Tailgating
	Tamper		Access Denied

**Note:**

1. GV-EV48 Elevator Controller only supports the Duress alert icon. The remaining alert icons are not functional for GV-EV48.
2. The Tailgating function is currently not functional.



2. To remotely control the door(s), tap the **Control** button  and select one of the following options. If you use the Control button next to a GV-ASManager, the command will apply to all connected doors.

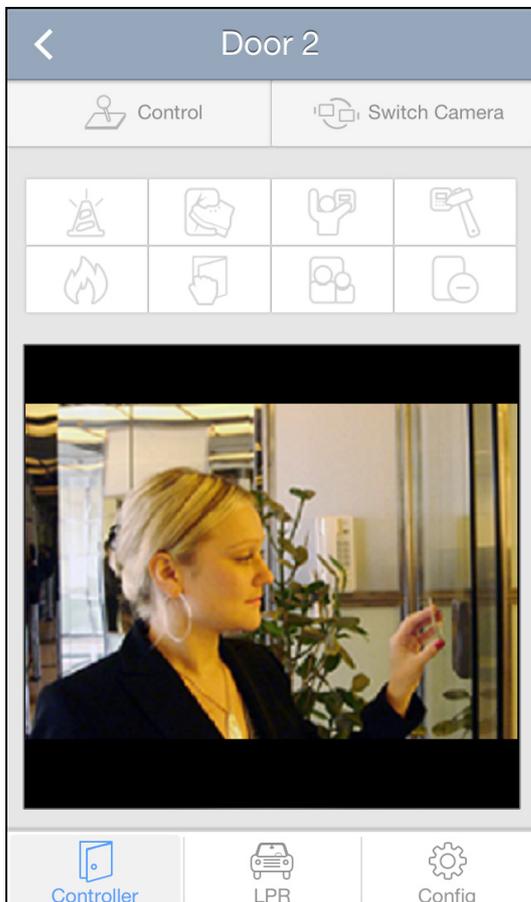
- **Unlock Door:** Unlock door temporarily.
- **Force Unlock:** Unlock door until Disable Door Operation is selected.
- **Force Lock:** Lock door until Disable Door Operation is selected.
- **Disable Door Operation:** Cancel Force Unlock, Force Lock or Lock Down command.
- **Lock Down:** Lock the door, and the door can only be opened by presenting the correct access card.

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**Note:** The Lock Down function is only supported by GV-AS1010 / 1110 / 210 / 2110 / 2120 / 2121 / 410 / 4110 / 810 / 8110.

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3. Tap a door to access its live view if available. You can tap **Switch Camera** if there are multiple cameras connected to the door.

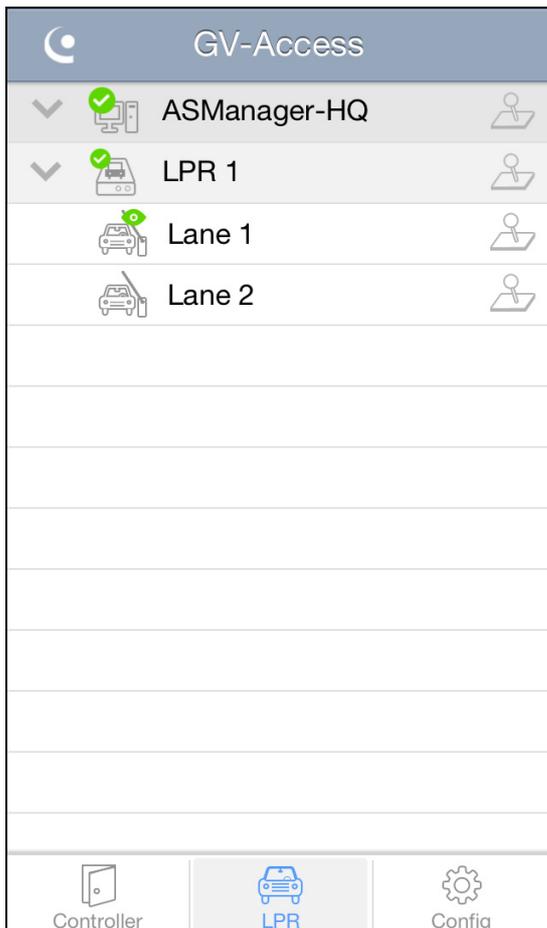




## Managing LPR

After adding GV-ASManager to GV-Access, the GV-DVR LPR, GV-VMS LPR and GV-DSP LPR associated with the GV-ASManager will be listed under the **LPR** tab.

1. Tap the **LPR** tab. The connected LPR and lanes appear.



The following icons are available.

Icon	Description	Icon	Description
	Connected		Camera(s) available
	Disconnected		Control lane(s)

**Note:** To access camera live view, the camera(s) associated with the lane must be connected to a GV-VMS / DVR / NVR.



2. To remotely unlock the LPR lane, tap the **Control** button  and select **Unlock Gate**.
3. Tap a lane to access its live view if available. You can tap **Switch Camera** if there are multiple recognition cameras connected to the lane.





## Push Notification

Note this function is only for GV-CS1320.

After the Push Notification settings are configured in GV-ASManager, you can use GV-Access to watch the live view of GV-CS1320 and communicate with the surveillance site before granting access. Your mobile device will receive a doorbell notification when someone activates the bell button (touch pad) on GV-CS1320.

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### Note:

- To enable external network access, you can apply either of the following methods:
  - Use a separate, external IP address for the GV-CS1320 and GV-ASManager.
  - Create a port forwarding if the GV-CS1320 and GV-ASManager use the same IP address.
- To successfully establish external network connection, you must enter the external **IP address** of the GV-CS1320 in the Controller Setup dialog box of GV-ASManager.

**Controller Setup**

General Setup Door 1

General

Controller Name : CS-1320

Controller ID : 1

GMT : + 08 : 00

Data Group : No Groups

Enable Daylight Saving Setup

Connection

COM Port :

Network : TCP/IP

IP : 114.32.33.108

Port : 4000

VSS Port : 10000

User : admin

Password : .....

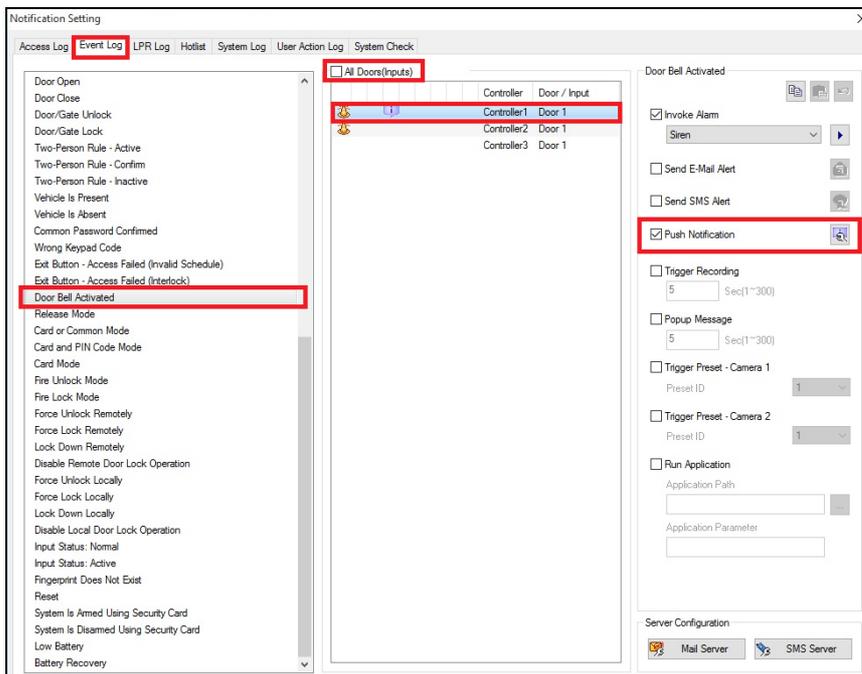
Crypto Key : .....



## Enabling Push Notification on GV-ASManager

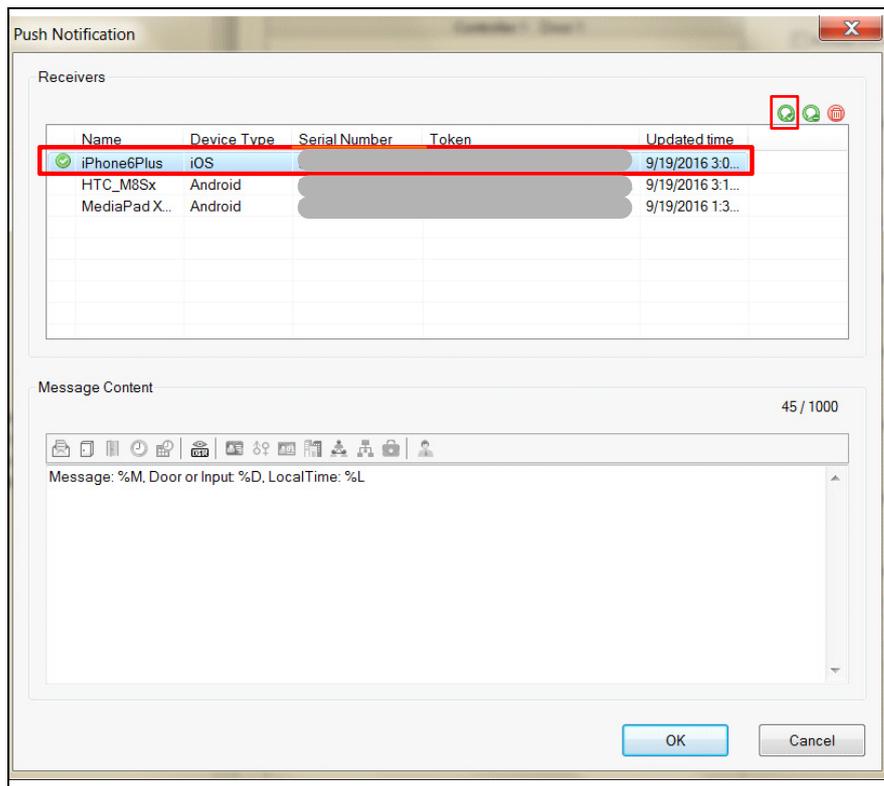
After adding GV-ASManager to GV-Access, you can set up the Push Notification settings on GV-ASManager.

1. On the menu bar, click **Tools**, and select **Notifications**. The Notification Setting dialog box appears.
2. Click the **Event Log** tab, and select **Door Bell Activated**.
3. Click the door connected to GV-CS1320 or select **All Doors (Inputs)** to check all the controllers / doors in the list.





4. Select **Push Notification**. This dialog box appears.

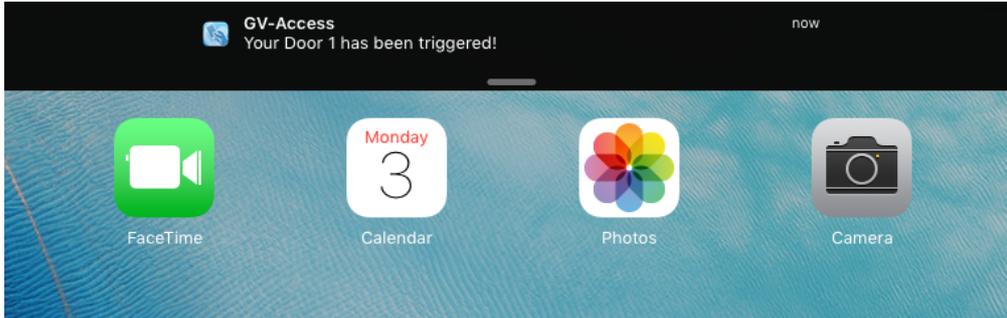


5. Click the desired mobile device, and then click  to activate the device. (Click  to inactivate the device. Click  to delete the device.)
6. Click **OK**.



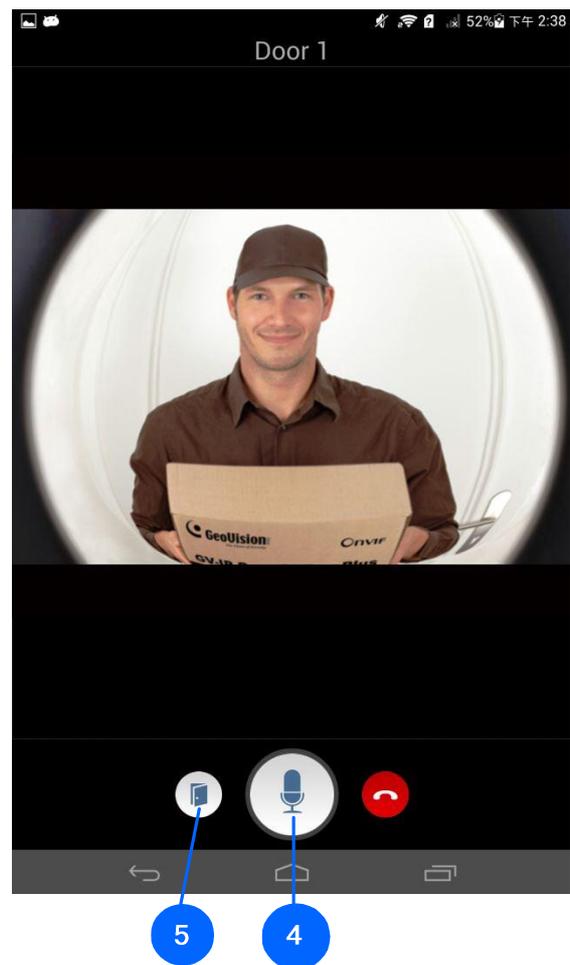
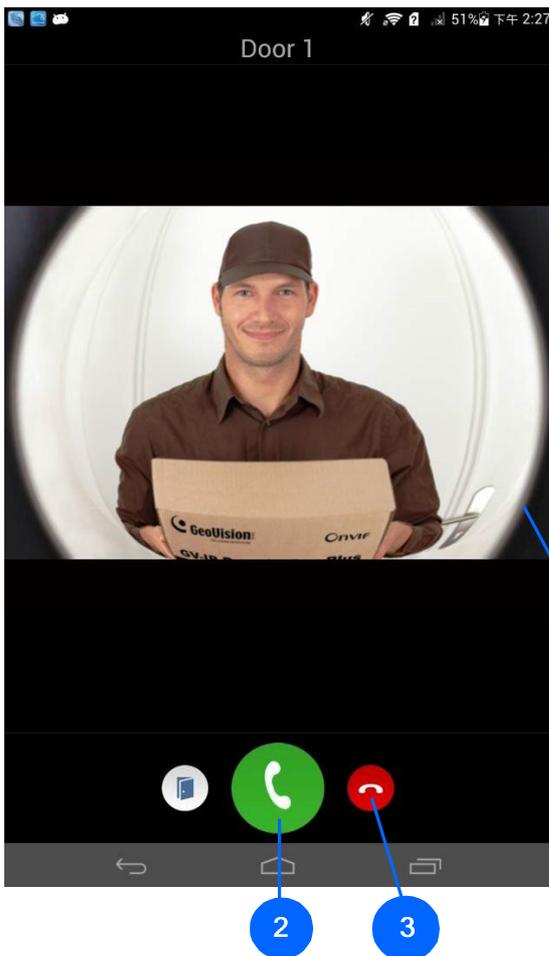
### Receiving Push Notification on GV-Access

After the Push Notification settings are configured on GV-ASManager, when the doorbell rings, your mobile device will receive a doorbell notification. If the doorbell notification appears, an incoming call screen will pop up automatically for Android. For iOS, a notification bar will show up and you need to click the bar to enter the screen.



*A notification bar on iOS device*

### Entering the Incoming Call Screen





No.	Name	Function
1	Live View	Show the live view of GV-CS1320.
2	Pick Up	Press the button to answer the call.
3	Hang Up	Press the button to decline the call.
4	Talk	To talk to the visitor, keep pressing this button. This function supports two-way audio, but the host and the visitor need to take turns to talk.
5	Unlock the Door	Press the button to choose whether to unlock the door.

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**Note:**

1. The incoming call screen only lasts for 30 seconds and the number of seconds cannot be manually modified.
  2. The ringtone cannot be changed manually.
  3. For the Android system, when receiving the doorbell notification, if you accidentally press buttons like Home or Back, GV-Access app will be closed.
  4. The doorbell and the phone call cannot be answered at the same time. The doorbell call is automatically put on hold when a phone call cuts in. For Android, you must answer the doorbell call within 3 minutes.
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