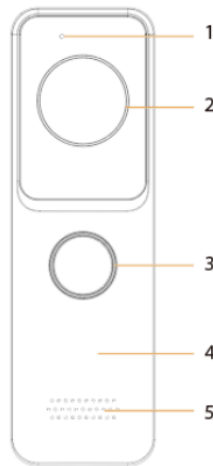


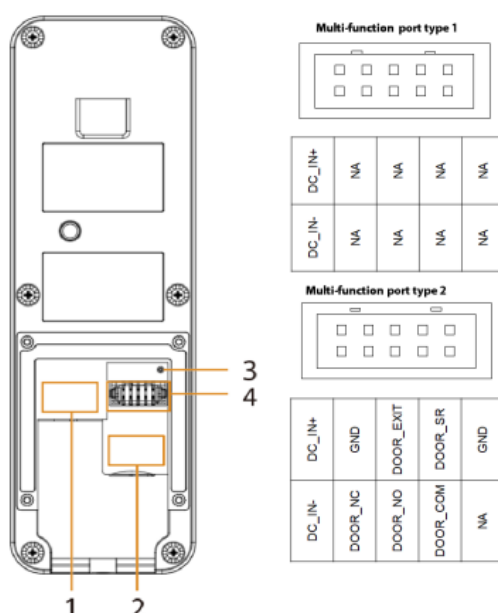
This document is a work in Progress. Current to 04.03.2025

Operational Information

- This unit can be powered either 12-33VDC/ 1a or PoE
- The unit is **23.12 ONVIF compliant**. Supports ONVIF discoverability and streaming.
- **Do not auto-update the unit**. Firmware revisions will be provided by ICR when available.



Number	Name	Function
1	MIC	Audio input.
2	Camera	Capture images/ record videos
3	Call button	Call
4	Card swiping area	Swipe the registered cards to unlock doors.
5	Speaker	Audio output.



Number	Name	Function
1	Network port	Connects to the network. Powers off PoE.
2	SD card slot	For storing images/ recorded videos
3	Reset button	Press and hold the button for at least 30 seconds to reset to factory settings. Use if password has been lost.
4	Multi-function port	See the label on the pigtail/ dongle for functions.

Initialization

1. Power on the Doorbell.
2. Go to the default IP address (192.168.1.108) of the Doorbell.
*Make sure that the IP address of your PC is on the same network segment as the Doorbell.
3. On the [Device Initialization](#) page, enter and confirm the password, and then click **Next**.
*The password must consist of 8–32 non-blank characters and contain at least two types of the following characters: Uppercase, lowercase, numbers, and special characters (excluding ' " ; : &).
4. **Ignore** the Email checkbox, Click **Next**.
5. Click **OK** to go to the login page.
6. Enter the username (admin by default) and password to log in to the webpage.
7. You can change/ set on different static IP by going to **Main Menu > Network Settings> TCP/IP**. Video/Encode Settings can be configured under **Main Menu> System> Video**.



IC Realtime Integration Doorbell API

Integration

Streaming URL	
Main Stream	rtsp://<ip_add>:<rtsp_port>/cam/realmonitor?channel=1&subtype=0
Sub Stream	rtsp://<ip_add>:<rtsp_port>/cam/realmonitor?channel=1&subtype=1
Example:	
rtsp://192.168.1.230:554/cam/realmonitor?channel=1&subtype=1	

Snapshot URL	http://<ip_add>:<http_port>/cgi-bin/snapshot.cgi
Example:	
http://192.168.1.230/cgi-bin/snapshot.cgi	

SIP Connection

The unit utilizes standard SIP protocol.

Third-Party SIP Connection:

The instructions will cover connecting the Doorbell to a user-provided SIP server.

1. Login to the Doorbell web UI. Go to: **Main Menu> Network Settings >SIP Server**
2. Un-check/ disable **Local SIP server** toggle. Under **Server Type**, select **Third-party Server**.

Local SIP Server



3. Input SIP information under **Server Address/ port**. Input the SIP password under **Registration Password** if required by 3rd party SIP server.. Click **Apply** to Save when finished.

Local SIP Server ☐

Server Type Third-party Server

Server Address

Value cannot be empty.

Port

Value cannot be empty.

Custom Name ☐

SIP No.

Registration Password

SIP Domain



IC Realtime Integration Doorbell API

Connecting to Doorbell SIP server

The instructions will cover connecting a user-provided SIP server to the Doorbell SIP server.

1. Login to the Doorbell web UI. Go to: Main Menu> Network Settings >SIP Server. Click “**default**” then **Apply** to save. The settings should appear as below:

Local SIP Server	☒
Port	5060
SIP No.	8001 ...
Registration Password	
SIP Domain	VDP

2. To connect to the Doorbell SIP, use the information on your SIP server:
SIP ID: 8001
Authentication Password: (user-created admin password for the doorbell)
RTP Port: 15000
SIPPort: 5060
SIP Server: 192.168.1.111
SIP ServerID: 8000
SIP Server Login Password: admin
SIP Server Login Username: admin

Note: You can use the following CGI command to find your Doorbell SIP information:

SIP Config	<code>http://<ip_add>:<http_port>/cgi-bin/configManager.cgi?action=getConfig&name=SIP</code>
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Doorbell Push Event

You can use the CGI below to listen to Doorbell Push events. Postman can be used for testing.

Event heartbeat	<code>http://<ip_add>:<http_port>/cgi-bin/eventManager.cgi?action=attach&codes=[All]&heartbeat=5</code>
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