

1 Unpacking

Unpack the items. Your package should include:

- One DP-104 SIP IP Video Door Phone
- One Roof for surface-mounted
- One Panel for surface-mounted
- One DI/DO cable 
- One connector 
- Three screws 

If items are missing or damaged, notify your Avadesign representative. Keep the carton and packing material.

2 What Else You Need

- One external power adaptor



INPUT: 100-240V~ 50/60Hz 0.5A
OUTPUT: DC 12V 1.0A

- One RJ-45 cable 

p.s. You also can buy the power adaptor from Avadesign Technology Co., Ltd. This is an optional item.

3 Remove two stickers

There are two layers of transparent stickers on the surface of DP-104 SIP IP video door phone.

For the voice quality and pressing the "CALL" button smoothly, please remove the first layer of sticker at first.

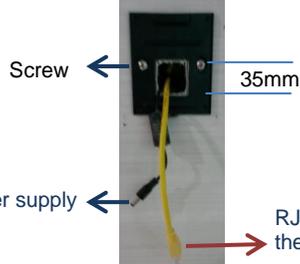


Then remove the second layer of sticker.



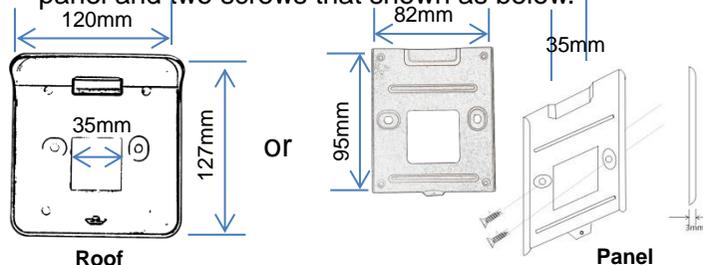
4 Wiring and mounting on the wall

- Select a location, Surface-mount the DP-104 SIP IP video door phone at desired location.
- Feed the Ethernet cable through the cable square hole which dimensions 35 x 35mm that shown as below.

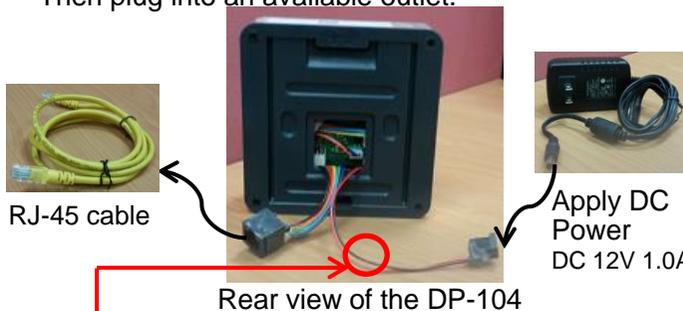


DC 12V 1.0A Power supply  RJ-45 Cable, connect to the DP-104 

- Fix the door phone on the wall using a roof or a panel and two screws that shown as below.



- Connect RJ-45 cable and power supply to DP-104. Then plug into an available outlet.



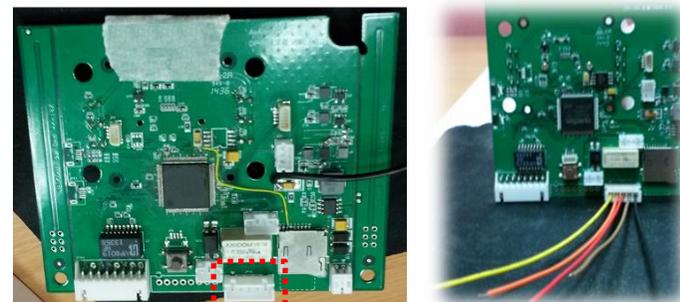
The polar of power line: Red line is for +
Black line is for -

This section describes how to connect door lock/unlock control signal or alarm signal on the printed circuit board (PCB) of DP-104 SIP IP video door phone.

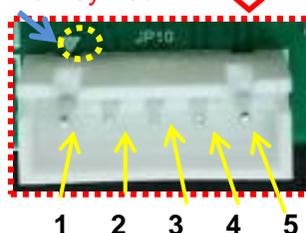
DI connects to the sensor for notifying the status, so that the CPU to do the appropriate action.

DO connect to control device. According to the status of device can be accessed (NC—COM) or (NO—COM). The PCB controls the power ON/OFF status of device by relay.

For more connection information, please refer to the chapter 5 of the DP-104 installation & user guide.



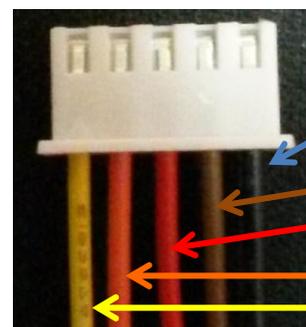
Arrow symbol 



DP-104 JP10

- PIN 1: DI+
- PIN 2: DI-
- PIN 3: DO Normal Close (NC)
- PIN 4: DO COM
- PIN 5: DO Normal Open (NO)

Avadesign provides a DI/DO cable for users as below:



- PIN 5: DO Normal Open (NO) (black)
- PIN 4: DO COM (brown)
- PIN 3: DO Normal Close (NC) (red)
- PIN 2: DI- (orange)
- PIN 1: DI+ (yellow)

V-BELL DP-104 SIP IP VIDEO DOOR PHONE



6 Access Qualia service

The Qualia Service is the cloud service and free charge that provided by Avadesign Technology for the DP-104 SIP IP Video Door Phone application.

The DP-104 SIP IP Video Door Phone will access the Qualia service directly and start to work automatically.

Now, you can test the DP-104.

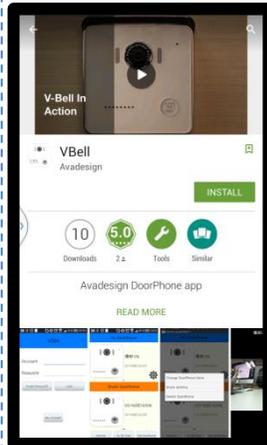
The DP-104 SIP IP Video Door Phone allows entry with the simple press of a key. Caller at the front door and press "CALL" button, person inside the building can talk to callers, look at caller, then open the door.

Congratulations! You have successfully performed a basic installation. For advanced configuration information, refer to the user manual.

User can choose either Qualia service or register to SIP server which is accessed via a web browser.



Download "VBell" APP for your smartphone



You can download "VBell" APP from Apple store or Google Play Store on the screen of your smartphone.

After finishing the installation of VBell on your smartphone, you need to scan the **QR code** that shown at cover page to add your new DP-104 door phone.

For more information, please go to <http://www.avadesign.com.tw/support/support.html> to download the Quick Installation Guide of VBell.

Register to SIP server

When you register the DP-104 door phone to SIP server, please open your chrome browser and type an IP address.

We suggest user can use IP finder utilities to find out the IP address of your new DP-104 SIP IP video door phone that described as chapter 4 of installation & user guide at page 18~20.

For example: type **http://192.168.1.xx** of the DP-104 door phone in the address bar and press Enter. The screen is shown as follows.

Please key in **192.168.1.xx** of your DP-104



Please input with username: **admin** and password: **admin** then click "Login" button on the screen.

p.s. If DHCP fail, please go to the default IP 192.168.1.100 for advance application.

You can process the SIP Server registration step by step. Please refer to the DP-104 user manual.

If find out the IP address of DP-104 door phone is difficult for you, please open the web browser and type **http://220.135.186.178/dp104/utilities/** in the address bar and press Enter key.

For more information, please refer to the DP-104 user manual.

