

V-BELL DP-104 SIP IP VIDEO DOOR PHONE



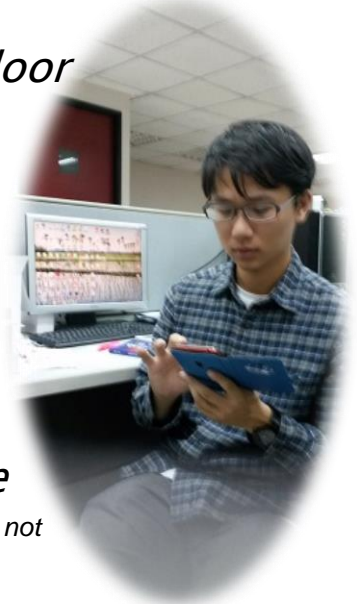
www.avadesign.com.tw

Easy and simple communication with visitors for Assistance and Remote Entry



Someone is at your door

*Talk to callers,
look at callers,
then open the door.*



You can be reached anywhere

Callers at your door can talk to you whether you are on site or not

The **DP-104 SIP Video Door Phone** is a new, elegant video door intercom with a compact shape that has an easy-to-install surface mount. It works with SIP based phone systems and is compatible with most modern IPBX systems supporting both audio and video.

If you want to identify who is at your door before you answer the phone or before letting them in, then the door phone is available with a built-in IP camera supporting up to 1280 x 720 HD video. This video can be viewed in a web browser and shows real-time video on a PC or on a mobile phone/tablet that supports iOS and Android.

The DP-104 SIP Video Door Phone allows entry with the simple press of a key. It is great for unattended lobbies, front doors, gates, warehouse doors, or anywhere visitors may require assistance. Therefore, it is equally suited for commercial, residential, or public facilities.

Intended for

- **Entry Door Intercom**
- **Emergency Video Intercom**
- **Smart Home**



Key Features

- **COMS 1280 x 720 HD Camera Sensor**

The DP-104 SIP Video Door Phone is a built-in IP camera supporting up to 1280 x 720 high density resolution video. It provides much better image than VGA/D1 (640x480) door phones. Especially when displayed on middle-to-large size screens indoors, DP-104 shows clearer images and have no image delays.

- **Support H.264 , Motion-JPEG Video codec**

The DP-104 SIP Video Door Phone adopts new H.264 generation technology that is more advanced than H.263/MPEG-4. It has image storage space for video recording and takes up less bandwidth in network transmission.

- **Super High-Performance Echo Cancellation technology**

The DP-104 SIP Video Door Phone has no echo to interrupt your conversation.

- **The shortest voice delay (below 1~0.5 second)**

The DP-104 SIP Video Door Phone reduces the voice delay quite substantially and to enhance the voice quality.

- **Support VoIP technology and SIP (FRC3261) protocol**

The DP-104 SIP Video Door Phone adopts VoIP SIP protocol, and is compatible with third-party products. The use of VoIP technology and SIP protocol gives the intercom various options to connect to a telephone system.

- **Support SIP Register mode and Peer to Peer mode**

The DP-104 SIP Video Door Phone allows you make a call by inputting the IP address of the call receiver directly. No IP-PBX is needed, which saves the cost for the system implementation.

- **Compatible with most modern IPBX systems**

The DP-104 SIP Video Door Phone works with most IP-PBX such as Asterisk,...etc.

- **Support most SIP Client compatibility**

The DP-104 SIP Video Door Phone supports most free-of-charge network video softwares such as Linphone, Polycom...etc.

The video signal of the DP-104 SIP Video Door Phone is compatible with most video intercom devices such as :

- Linphone (<http://www.linphone.org>) - Must add H.264 module to be compatible
- CounterPath (<http://www.counterpath.com/smartphone-clients/>)
- Grandstream GXV3275 (<http://www.grandstream.com>)

- **Support RTSP Protocol**

The DP-104 SIP Video Door Phone allows you to talk over the phone and use NVR for picture recording at the same time. It also allows a lot of people to monitor the real time screen at the same time.

- **Build-in One Relay output port (control door lock or alarm)**

The DP-104 SIP Video Door Phone Build-in One Relay output can control the door lock or connect to an alarm.

- **Build-in One DI port (for Door sensor, PIR, Emergency button)**

The DP-104 SIP Video Door Phone Build-in One DI that can connect to a door/window sensor or an emergency button. It can also connect to an infrared sensor for door intercom application or call help in an emergency situation.

Technical Specifications

- COMS 1280 x 720 HD Camera Sensor
- Lens : 112.4 degrees Wide Range Video View angle
- Support G711u, AAC voice codec
- Build-in Hardware AEC (Acoustic Echo Cancellation)
- Support Auto-answer
- Build-in one Call Button
- Build-in RFID Card Reader (optional)
- Build-in Power over Ethernet (PoE) (IEEE802.3af) (optional)

Power Requirements

- Power Input: 12 V DC 1.0A
- Power Consumption: Maximum 260 mA @ 12 V DC

Physical and Environmental Characteristics

- Dimensions (H x W x D): 114x114x35mm
- Weight: 290g
- Color of Door phone Faceplate: White
- Working temperature: -10°C ~ +45°C



DP-104

Mounting accessories *(Surface-Mount Bezel included with all Door phone Kits)*



Dimensions (H x W x D):
127x120x44mm



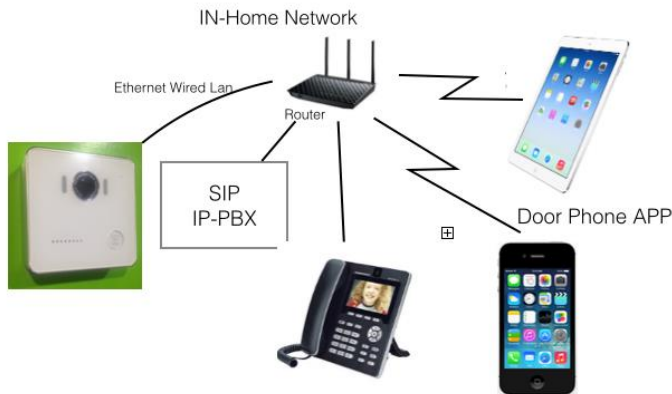
Dimensions (H x W x D):
96x82x3mm

Order Information

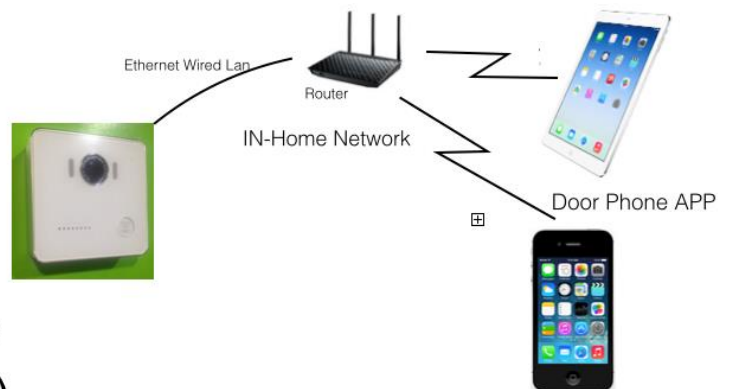
Model No.	Standard	Adapter	PoE	RFID
DP-104	✓			
DP-104P	✓		✓	
DP-104R	✓			✓
DP-104PR	✓		✓	✓
DP-104A	✓	✓		
DP-104AP	✓	✓	✓	
DP-104AR	✓	✓		✓
DP-104APR	✓	✓	✓	✓

Example of Use

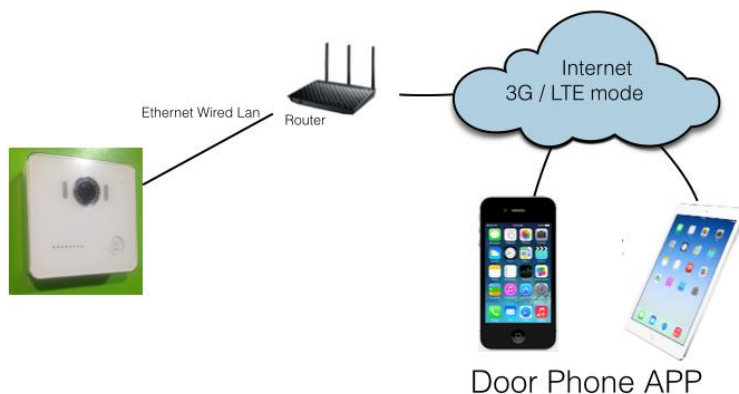
SIP Based Door Phone (IP-PBX mode)



SIP Based Door Phone (peer to peer mode)



SIP Based Door Phone (remote access mode)



Note: All specifications are subject to change without notice.

For more information on the DP-104 SIP Video Door Phone, please visit www.avadesign.com.tw

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