CP PLUS

Video Door Phone
User's Manual
CP-PVK-70TH

Table of Contents

Welcome

Thank you for purchasing CP PLUS Video Door Phone!

This user's manual is designed to be a reference tool for VDP system. Please open the accessory bag to check the items one by one in accordance with the list below. Contact your local retailer ASAP if something is missing or damaged in the bag.

1. Introduction

Video Door Phone is an intercom system that is used to make calls from the entrance of a building to communicate with visitors without any physical interaction and engage with them only if you wish to. Video Door Phones not only increase home security, but also provide convenience.

The VDP system has and outdoor unit for visitors and indoor monitor for residents. It provides audio and video connection between the residents and visitors. Release electric door. Higher safety and comfort for residents.

2. Features & Functions

2.1. Monitor

a) 7" color indoor monitor

b) Support 2 door stations and 3 monitors

c) Brightness, color, and contrast adjustable

d) Ring volume adjustable

e) Hands-free

f) Support DC 12V power input

g) Support 5 touch buttons

h) Support intercom network

i) Support 2 CCTV input and 1 video-out to TV or DVR

j) OSD menu and 6 melodies adjustable

k) Door lock release

l) Do not disturb function

m) Automanual picture recording

2.2. Outdoor Panel

a) Pinhole color camera

b) 4 Wires in polarity

c) Door lock release

d) IR LED for night vision

e) Surface mounted

3. Specifications Monitor unit:

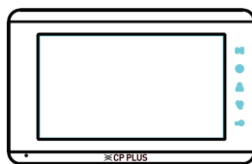| Category	Specification
TFT LCD	7-inch digital TFT LCD
LCD resolution	800(RGB)*480
Connection with camera	Support two 4-wire outdoor stations and two 2-wire CCTV
Input power	DC:12V/2A
Power consumption	Max:7W Standby:1.5W
Dimensions(mm)	205(W)×128(H)×18(D)

4. Specification Outdoor Panel:

Category	Specification
Camera Resolution	700 TVL
IR LED	4 nos.
Wiring	4 Wire Monitor/2 Wire Electronic lock
Operation temperature	205(W)×128(H)×18(D)
Dimension (mm)	124(H)×40(W)×25(D)

5. VDP (Video Door Phone) Content
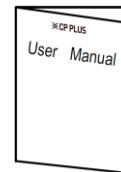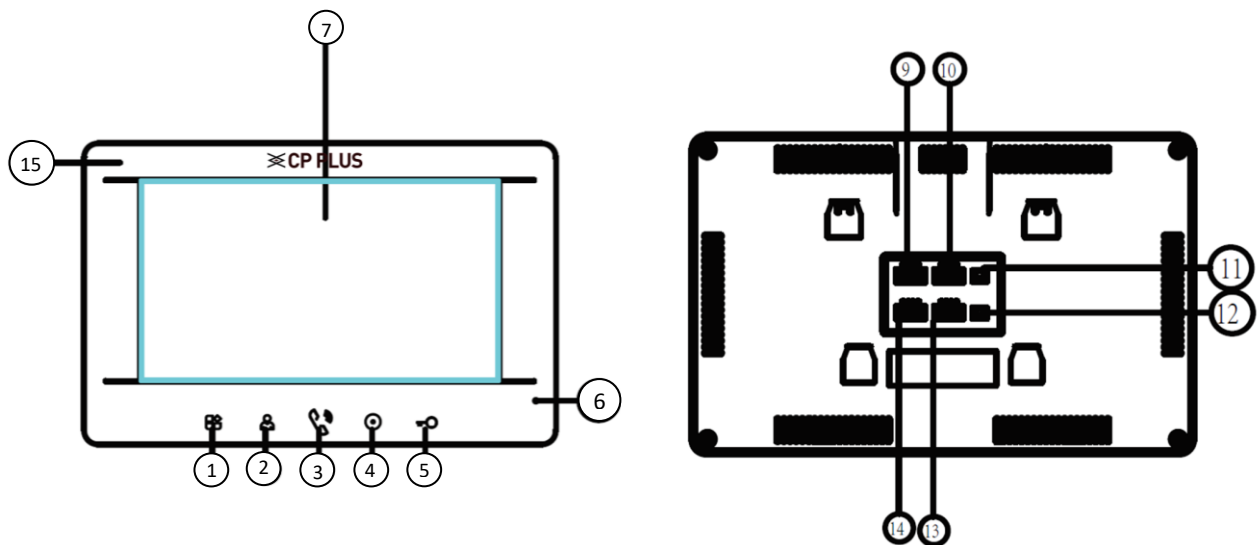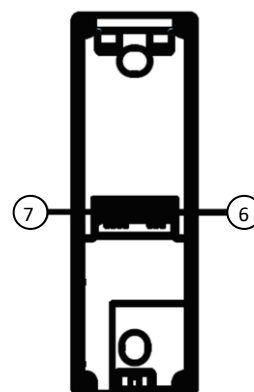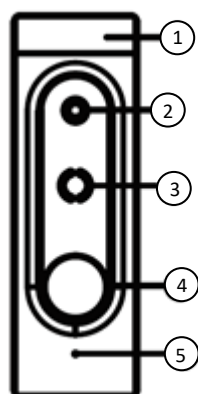
Outdoor Panel   Monitor   Power Adapter   User Manual

6. Hardware Description

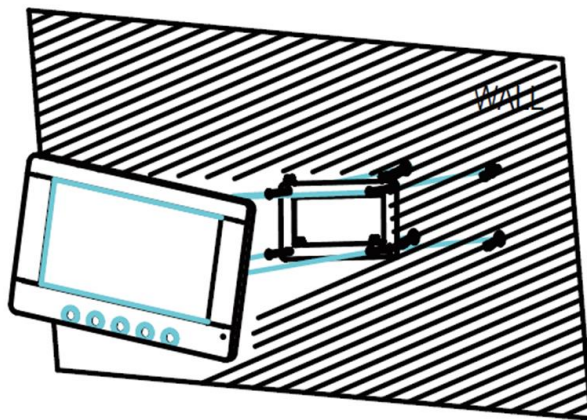| No.	Part Name	Description
1	Menu Button	Monitoring interface used for menu selection
2	Monitor Button	Button for monitoring outdoor panel
3	Talk Button	Button for talking with visitor
4	Intercom Button	Intercom Button between indoor monitors
5	Unlock Button	Button for unlocking the door
6	MIC	Microphone
7	LCD Screen	7-inch TFT LCD screen
8	Power Indicator	Power LED light
9	CAM1 Connector	To connector outdoor panel
10	CAM2 Connector	To connect 2nd outdoor panel
11	DC Power Input	12V DC input
12	CCTV Input	To connect analog CVBS camera
13	Intercom Connector2	Intercom connection for another monitor
14	Intercom Connector1	Intercom connector for another monitor

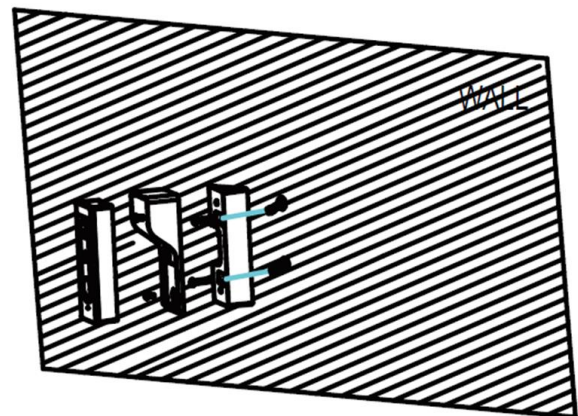| No.	Part Name	Description
1	IR LED Light	For night vision
2	Camera	700TV high quality camera
3	Speaker	To get the audio from Indoor monitor
4	Call Button	To ring call in indoor monitor
5	Microphone	To send audio to Indoor monitor
6	Terminal for Electronic Lock	To connect electronic lock
7	Terminal for Indoor Monitor	To connect indoor monitor with outdoor panel

7. Operation of the video door phone

a) Visitors press the call button of the outdoor panel to call the monitor. To accept the call, press Talk button on the video monitor. Talking time lasts for 60s.

b) Below is the button description for indoor monitors

    i. To talk between the monitor and camera unit, please press

    ii. To Intercom with the slave monitor, please press

    iii. To monitor the outdoor panel, please press

    iv. To control an electric door release, please press

8. Installation

Indoor Monitor

Outdoor Panel

a) Choose a suitable location to install the system, it is recommended to fix the monitor at the user-eyes height between 145cm and 160cm.

b) Mark the holes of the frame on the wall and drill the holes.

c) Drill the hole into the wall in the center of the bracket for cables go through the wall.

d) Fix the bracket with extension pipe and screws.

e) The outdoor panel should be mount at eye level of a person.

9. Cabling Requirement

a) Video door phone system uses 4 core cables. Cable should be used according to different distance requirement from outdoor panel to indoor monitor. In the areas with high possibility of interference it is recommended to use a 75ohm coaxial for connection for better video signal.

RVV4 (mm)	0.3	0.5
Distance (mm)	30	50

10. Precautions

a) Do not place the monitor to the TV-set or into environment with high temperature and damp place.

b) Do not take apart outdoor unit or any parts of the video system.

c) Protect the lens of outdoor camera unit from direct sun light to avoid pale picture on the monitor.

d) Do not use the equipment when with vibrations environment. Protect the equipment from falls.

CP PLUS

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