User Manual
CP-PVM-70T

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.

Table of Contents

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
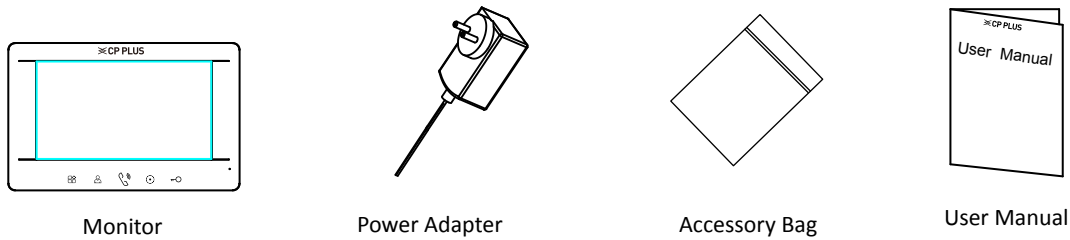
2. Features & Functions

2.1. Monitor

    i. 7" color indoor monitor

    ii. Support 2 door stations and 3 monitors

    iii. Brightness, color and contrast adjustable

    iv. Ring volume adjustable

    v. Hands-free

    vi. Support DC 12V power input

    vii. Support 5 touch buttons

    viii. Support intercom network

    ix. Support 1 CCTV input and 1 video-out to TV or DVR

    x. OSD menu support

    xi. Door lock release

    xii. Do not disturb function

    xiii. Monitoring & Talking with a visitor
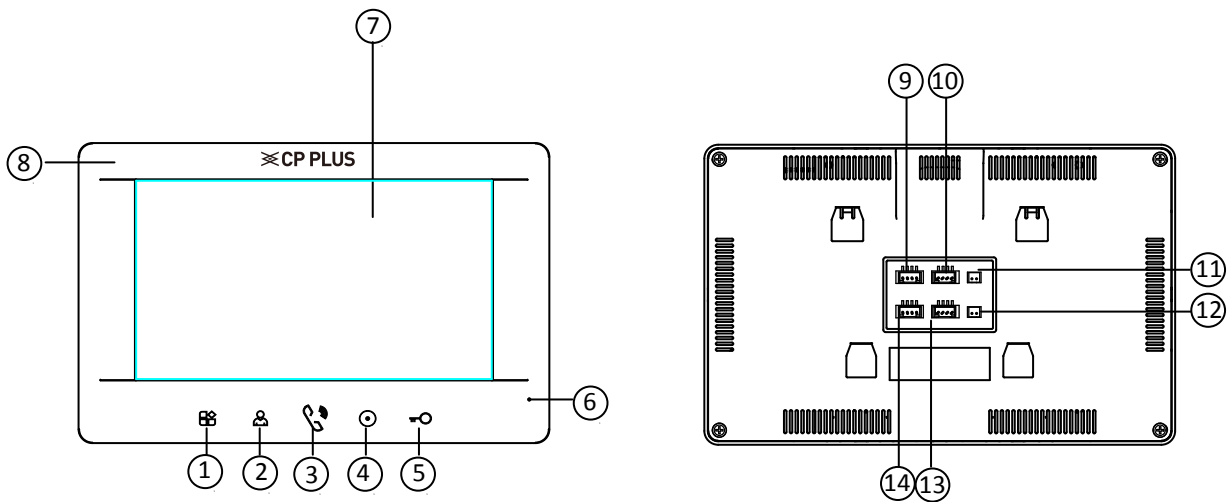
2.2. Specifications Monitor unit:

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)	204(W)×130(H)×16(D)

2.3.   VDP (Video Door Phone) Content

Monitor   Power Adapter   Accessory Bag   User Manual

2.4.   Hardware Description

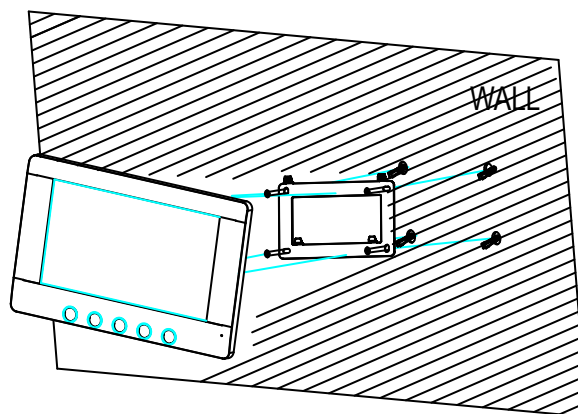| No.	Part Name	Description
1	Menu Button	Monitoring interface used for menu selection
2	Monitor Button	Button for monitoring outdoor panel
3	Talk Button	Button for talking with visitor
4	Intercom Button	Intercom Button between indoor monitors
5	Unlock Button	Button for unlocking the door
6	MIC	Microphone
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

3. Operation of the video door phone

Visitor 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.

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 pres

4. Installation

Indoor Monitor

   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.

4.1. Cabling Requirement

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

4.2.   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.

ATTENTION: The outdoor unit is suitable ONLY installed inside building, or outside building but under rain shelter. Else, there is a risk of damage to the product.

Thanks for Choosing CP Plus!