

HANDSFREE
AUDIO/ VIDEO DOOR PHONE

DHF72PC

WITH SURFACE MOUNT CCD CAMERA

Installation and Operation Manual



7" HD
SCREEN

IR CCD
CAMERA

4 WIRE
SETUP

 **TOUCH
PANEL**

UP TO	
2	3
DOOR	MONITOR



www.doss.com.au

INTRODUCTION

Handsfree Video Doorphone

The DOSS DHF72PC provides audio/visual communication between the indoor monitor and the outdoor camera. The DHF72PC is an easy to install and inexpensive video intercom system.

Now you can communicate with whoever is at the door without having to open it!

The DHF72PC has a 7" HD TFT-LCD colour monitor with simple touch button controls. Visitors press the doorbell on the camera and the monitor will ring to let you know someone is at the door. Their image appears immediately on the monitor and you can speak with them by simply touching the ANSWER button. The intercom camera can even see people in the dark thanks to its IR LEDs. Control the bell volume and the screen brightness to your liking with easy rotary controls located on the monitor.

You can now conveniently identify visitors before answering your door with the intercom system and with a suitable electronic lock, you can even unlock the door remotely. The DHF72PC will increase your home or business security substantially.

Applications & Benefits:

Immediately increase the overall security of your home or business, keep annoying solicitors away, children won't have to open the door to strangers while you are away, decrease vandalism, deter potential crime, you don't have to get up to answer the door, unlock the door remotely for guests.

Calling:

Visitors press the CALL button on the camera unit, the visual image of the visitor appears on the monitor inside with a electrical doorbell chime sound.

Conversation:

After identifying the visitor visually, talk to the visitor shown on the screen by pressing the **ANSWER** button and have a conversation just as you would on a normal speaker phone (handsfree operation).

Monitoring:

Simply press the **MONITOR** button to identify visitors at the door without them being aware that they are being watched or to monitor the immediate area around the doorway. This allows you to monitor the visitors at your door, even though they may not have pressed the call button. This can help to avoid the risk of opening the door to strangers or to observe the area if you suspect foul play.

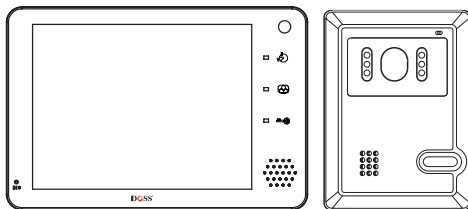
CONTENTS

Introduction	2
Handsfree Video Doorphone	2
Features	4
Video Door phone Kit	4
Colour Monitor	4
Video Camera	4
System Outline	5
Monitor	5
Left Side	5
Camera	5
Package Contents	6
System Installation Overview	6
Monitor installation instructions	7
Wall Mounting	7
Kick-Stand	7
Camera Installation Instructions	8
Wiring Diagrams	9
One to One	9
One to Two	9
One to Three	10
Two to One	11
Two to Two	12
Basic Operation	13
Answering calls	13
Outside Monitor	13
Volume and Brightness Adjustments	14
Warnings	15
Specifications	16
Monitor	16
Camera	16

FEATURES

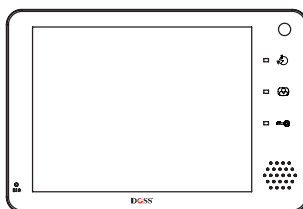
Video Door phone Kit

- Easy installation and operation
- Ideal solution for home video security
- See who's at the door before opening it!
- CCD Camera
- Large 7" colour screen
- IR illumination on camera
- Video and two way intercom
- Door lock control
- Mounting hardware supplied



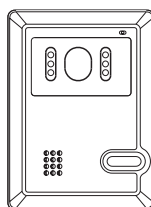
Colour Monitor

- 7" colour HD TFT-LCD Screen
- High resolution: 800*600 pixels
- Handsfree operation
- Door lock control
- Volume and brightness controls
- Auto off
- 127 (H) x 95 (W) x 35 (D) mm



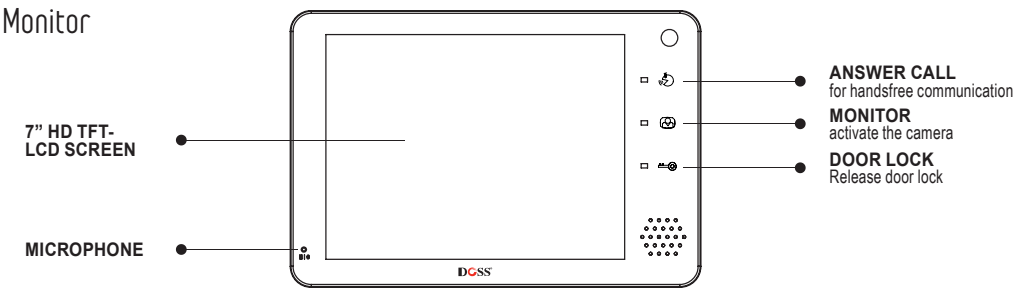
Video Camera

- CCD Camera
- Surface mount colour camera
- 6 IR LEDs for night viewing
- Lens with vertical adjustment
- Handsfree operation
- Built-in microphone
- IP43 Weatherproof casing
- 127 (H) x 95 (W) x 35 (D) mm

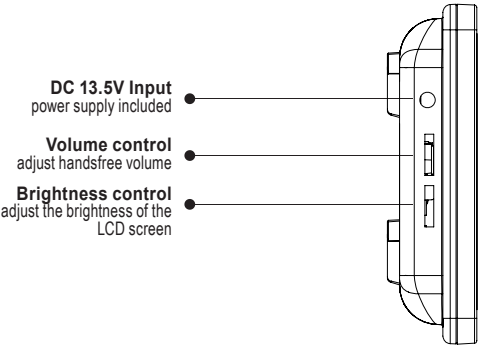


SYSTEM OUTLINE

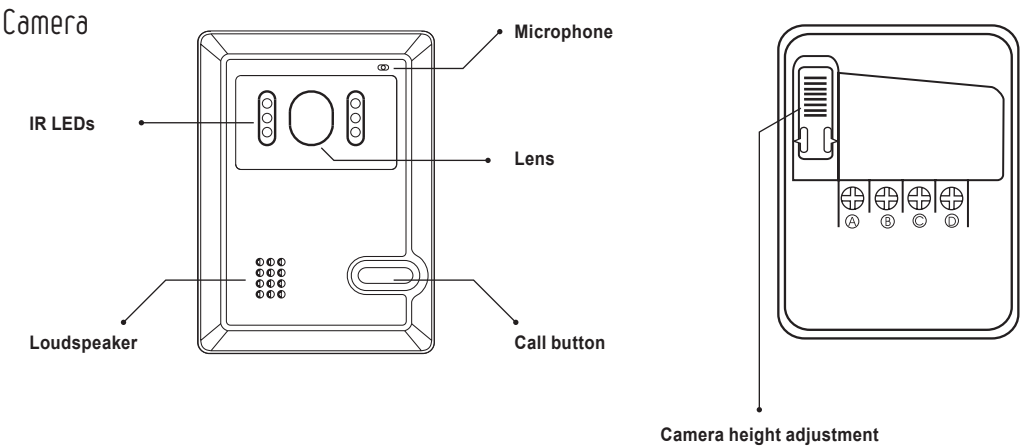
Monitor



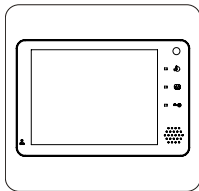
Left Side



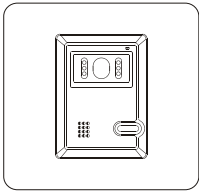
Camera



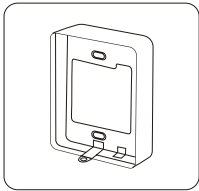
PACKAGE CONTENTS



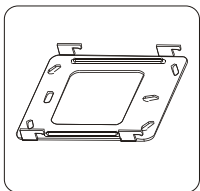
Indoor monitor



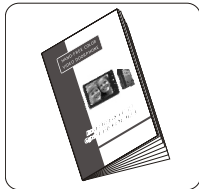
Camera



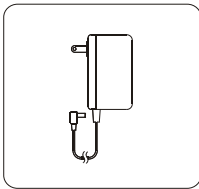
Camera accessory



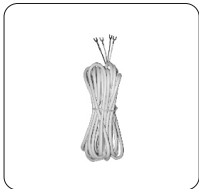
Monitor bracket



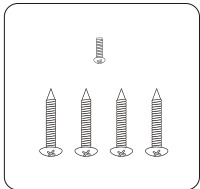
Operation manual



DC adapter

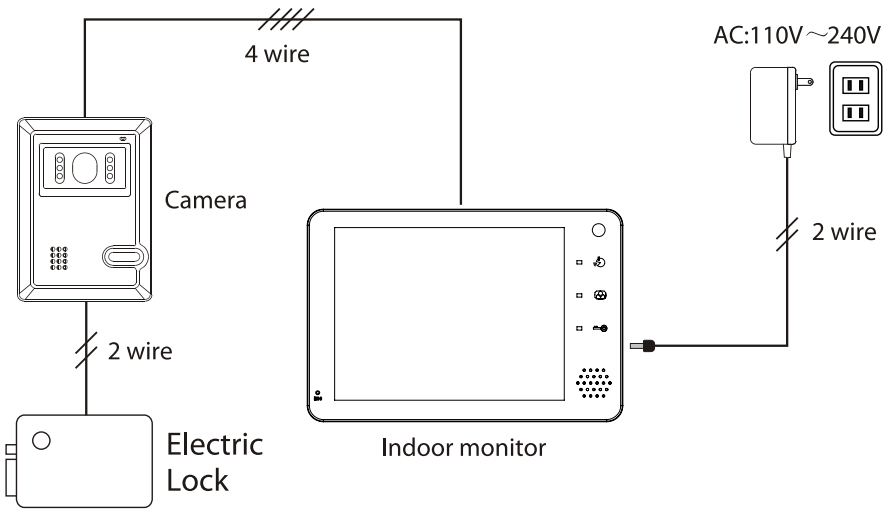


Wire



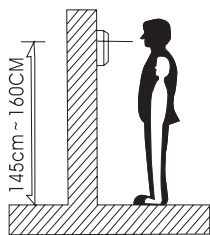
Screw

SYSTEM INSTALLATION OVERVIEW

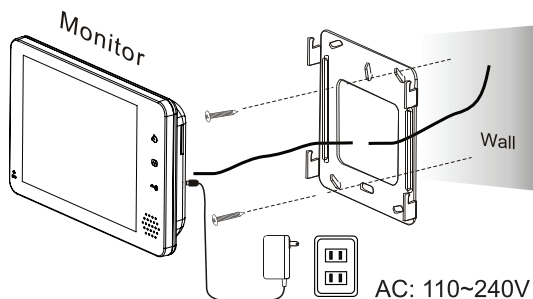


MONITOR INSTALLATION INSTRUCTIONS

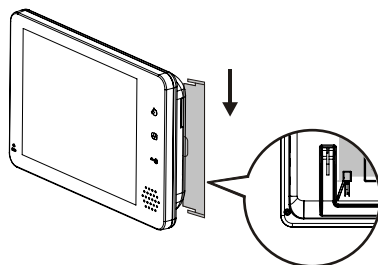
Wall Mounting



The optimum height for the monitor installation is between 145 cm and 160 cm based on the centre of the LCD screen.



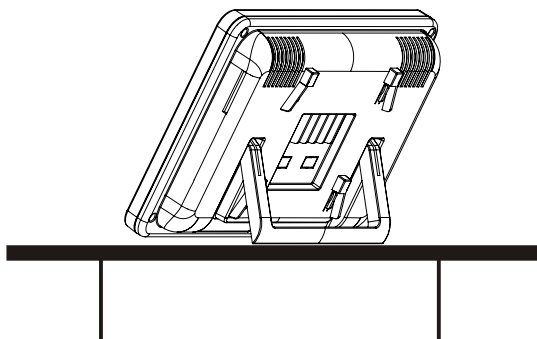
Using 2 screws fix the wall plate to the wall and attach the monitor to the bracket.



Push the monitor down to firmly hold it in place.

Kick-Stand

Alternatively, your DHF7zPC features a kick stand with two adjustable tilt levels.

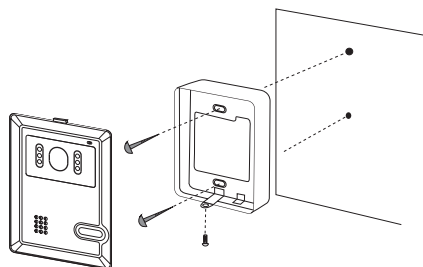
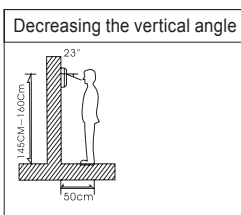
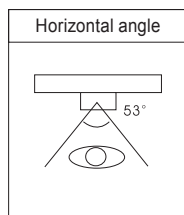
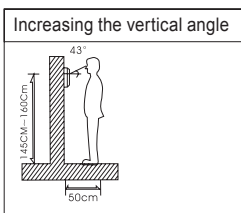
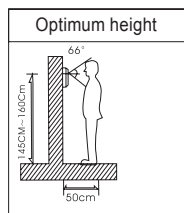


CAMERA INSTALLATION INSTRUCTIONS

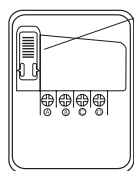
Follow the diagram below to install your camera.

Avoid installing the camera under direct sunshine. Ensure the camera points to a well lit area for optimum video quality and that there are no direct backlight sources such as street lights.

Positioning



1. Unscrew the bottom of the camera to detach the mounting plate.
2. Using two screws, fix the camera plate to the wall and re-attach the camera unit.

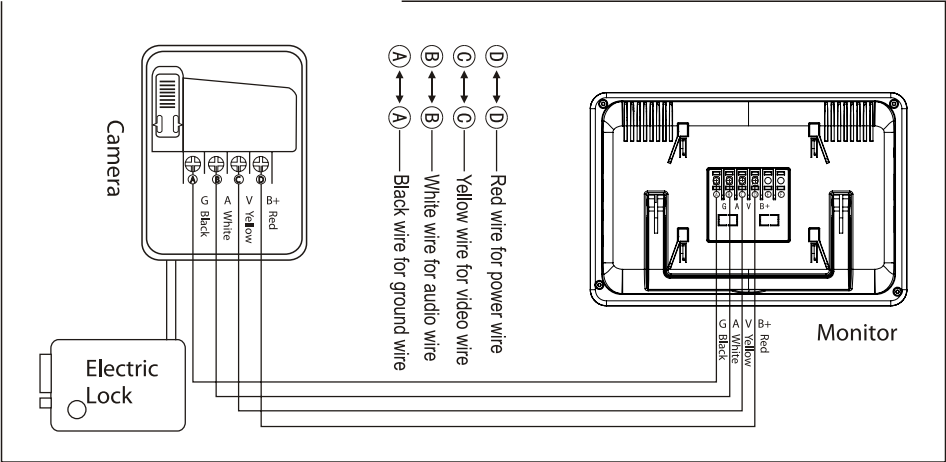


You can adjust the vertical angle of the camera lens using the slider located on the back.

WIRING DIAGRAMS

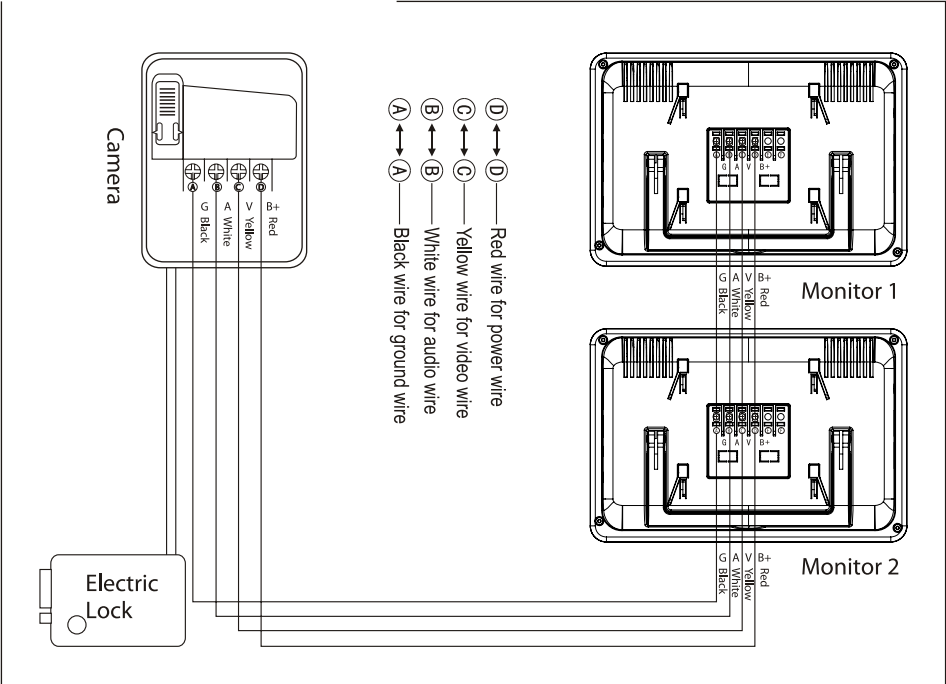
One to One

One camera to one monitor



One to Two

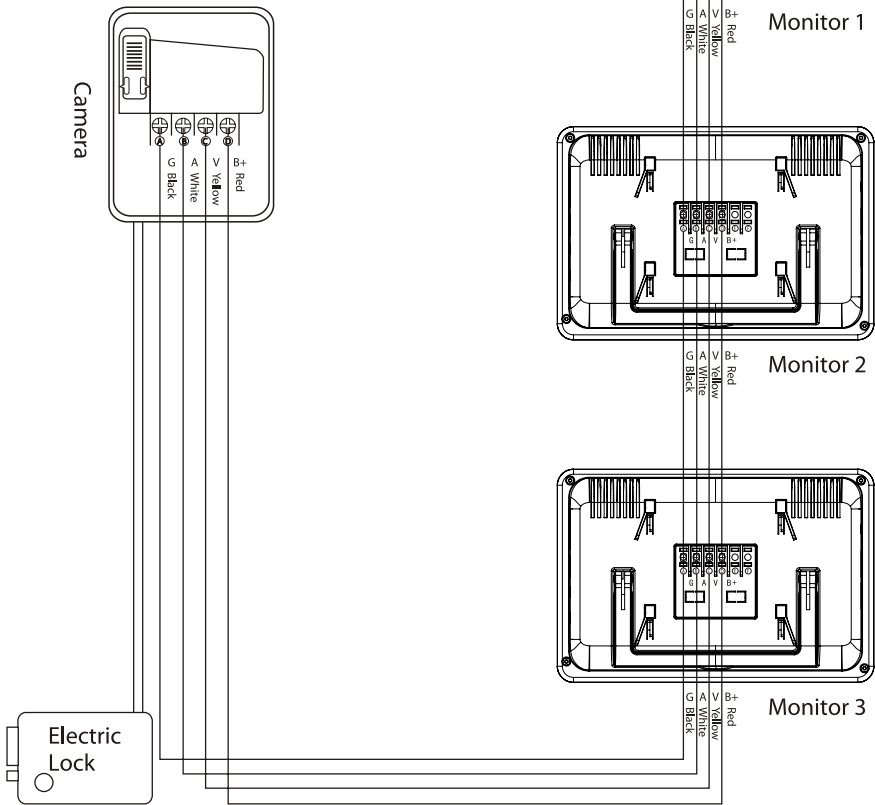
One camera to two monitors



One to Three

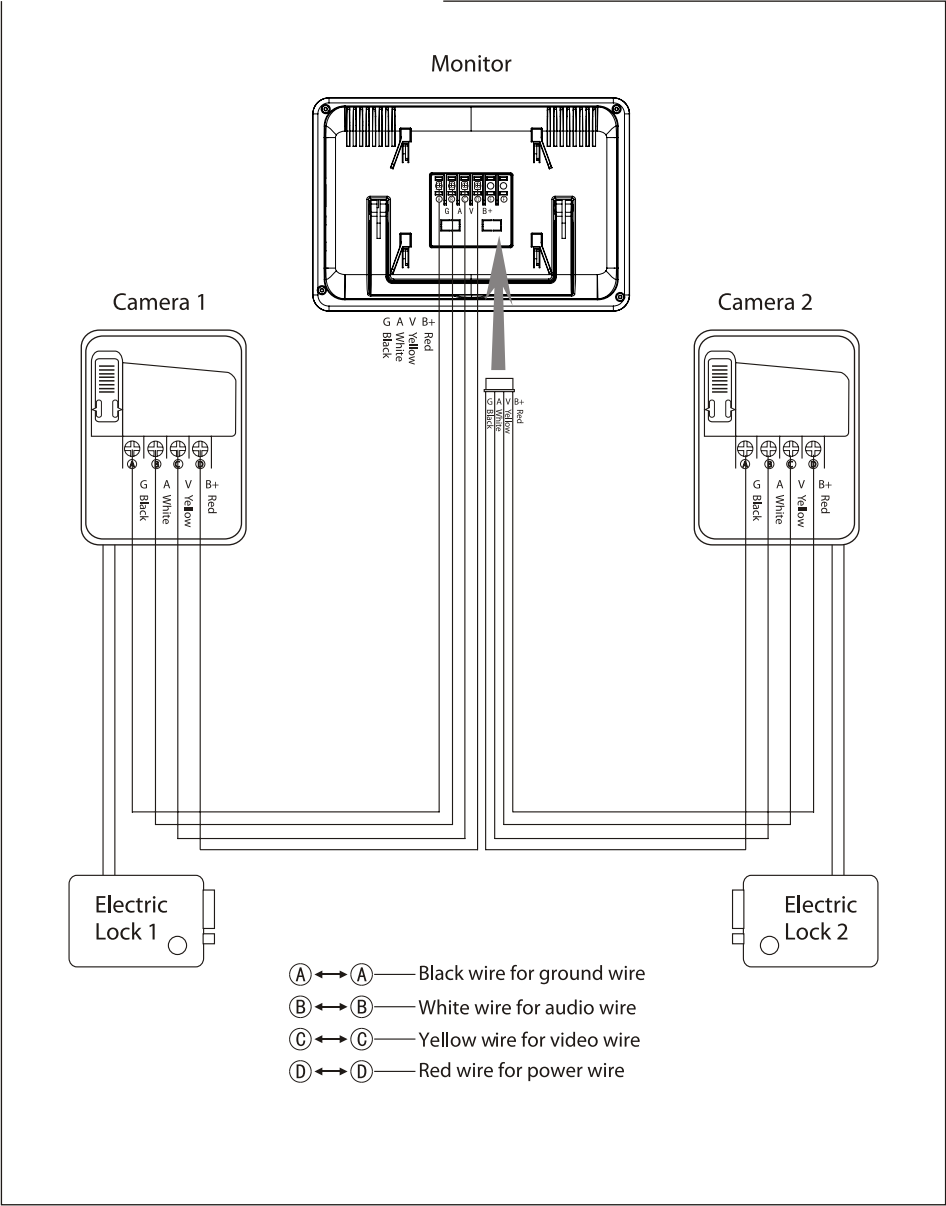
One camera to three monitors

- Ⓐ ↔ Ⓐ — Black wire for ground wire
- Ⓑ ↔ Ⓑ — White wire for audio wire
- Ⓒ ↔ Ⓒ — Yellow wire for video wire
- Ⓓ ↔ Ⓓ — Red wire for power wire



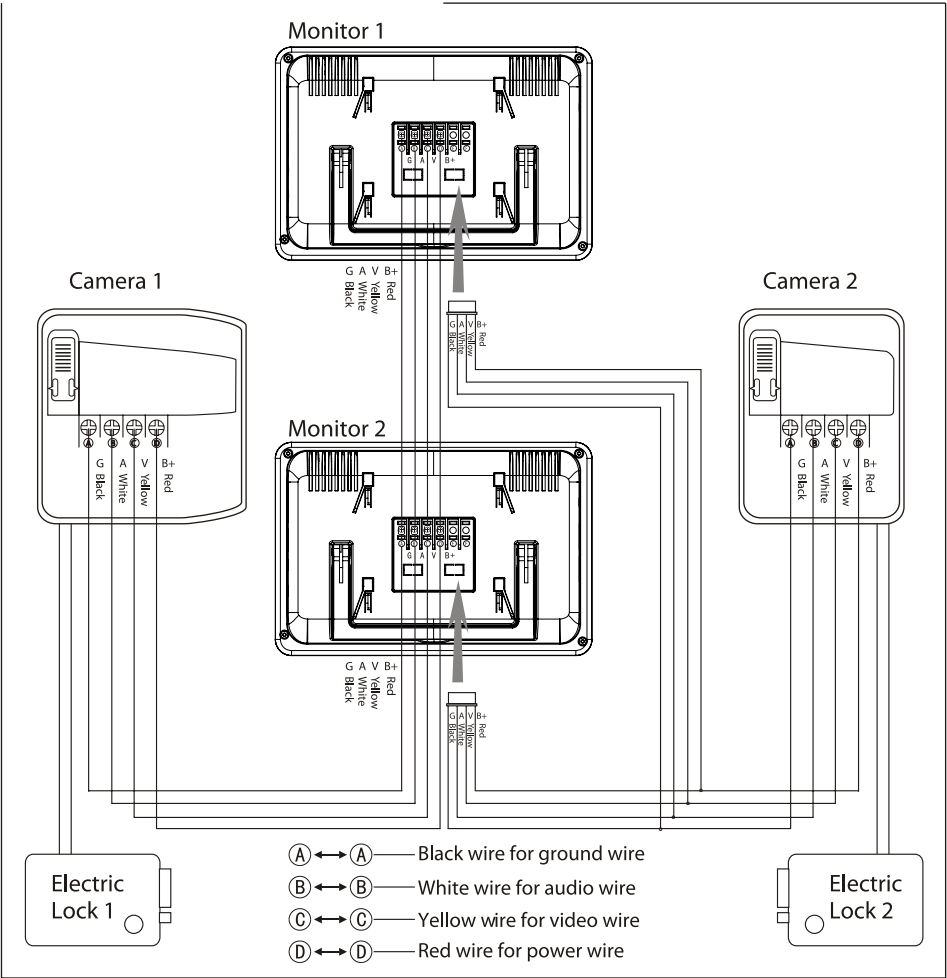
Two to One

Two cameras to one monitor



Two to Two

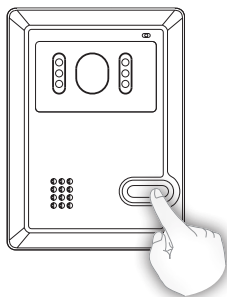
Two cameras to two monitors



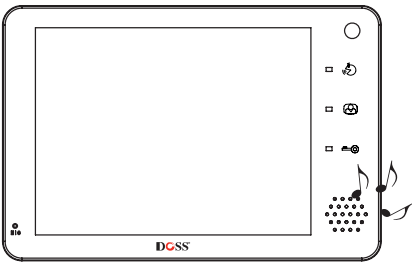
- Notice**
1. Before install, please plug off the power supply cord. And plug the power supply cord after installation.
 2. The length connecting wire between the camera and the monitor must be less than 50 metres.
 3. For the clear picture, it is recommended to use the copper wire of 4 × 0.75mm².

BASIC OPERATION

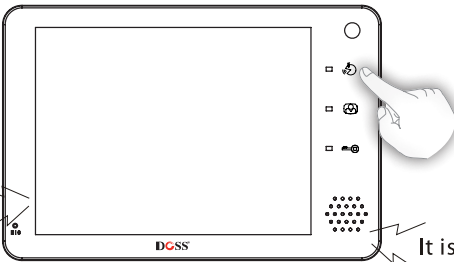
Answering calls




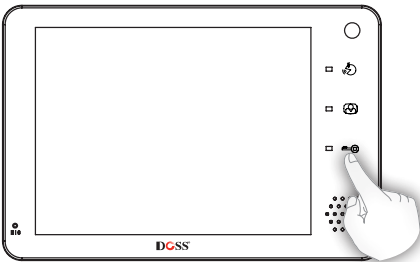
Visitor presses the call button on the camera unit




The picture of the visitor will automatically appear on the monitor.

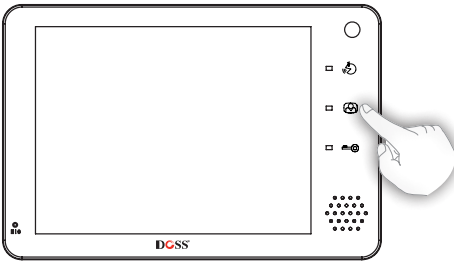



Touch the answer  button to answer the call. This will initiate a handsfree two-way communication between you and the visitor.



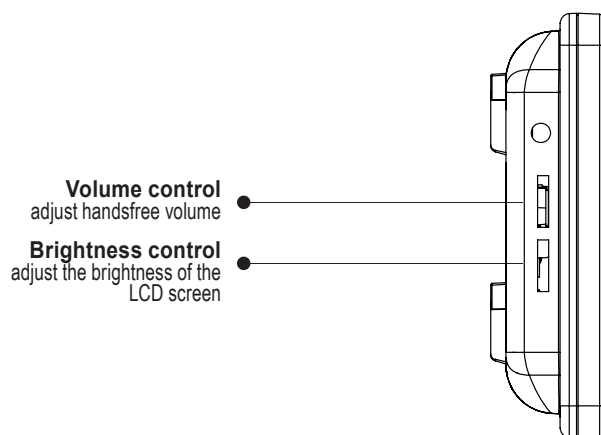
If you've setup an electronic door lock feature, you can press the lock  button to release the door lock.

Outside Monitor



If you want to have a quick look at what is happening outside, you can press the monitor  button which will discreetly activate the camera.

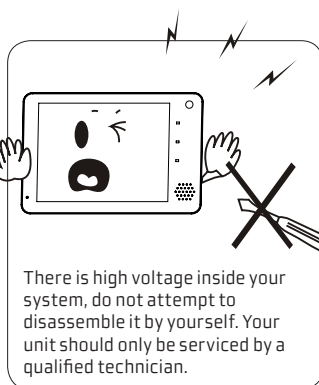
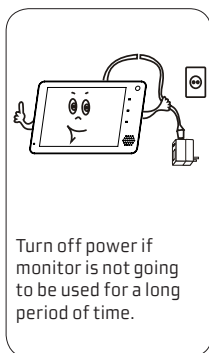
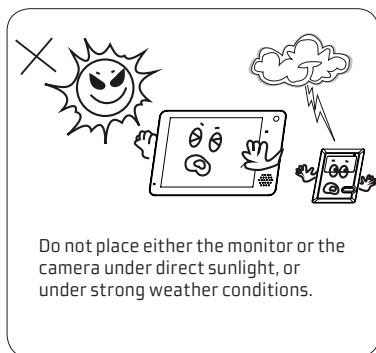
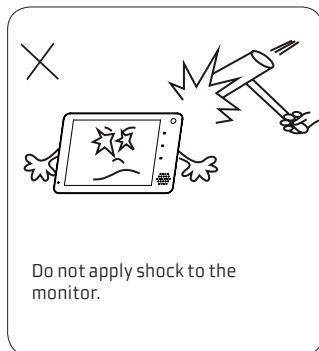
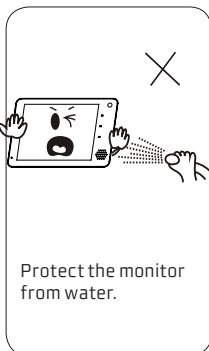
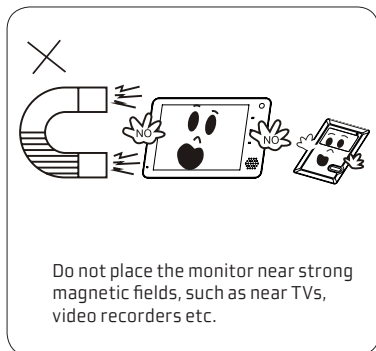
Volume and Brightness Adjustments



Use the control dials located on the side of the monitor to adjust the LCD brightness settings or handsfree volume levels.

WARNINGS

Please observe the following so that you can get the most out of your DHF72PC.



SPECIFICATIONS

Monitor

Power Supply	DC 13.5V
Power Consumption	Standby: <0.7W Working: <10W
Screen	7" HD LCD screen
Resolution	800(W)×600(H)×RGB
Brightness	200cd/m ²
Video Input	1 Vp-p
Cutoff-Time	Stakeout: 1 minute, Conversation: 1 minute
Mike Sensitivity	-38dB
Operation Temperature	-10℃~+55℃
Call Tone	"Ding Dong" chime
External Dimension	196 (L) × 132 (W) × 34. 8 (H) mm

Camera

Power Supply	DC 12V(supplied by the monitor)
Power Consumption	Working: <2W
Imagery Angle	Diagonal: about 53°
Lamp-house at Night	Infrared LED
Operation Temperature	-10℃~+55℃
External Dimension	127 (L) × 95 (W) × 35 (H) mm



CUSTOMER CARE CENTRE

12
MONTH
WARRANTY

This product is warranted for 12 months from the date of purchase.

Subject to the conditions of this warranty, the Customer Care Centre will perform necessary service on the product without charge for parts, or labour if, in the opinion of the manufacturer/ manufacturer's agent, the product is found to be faulty within the warranty period.

This warranty only applies if the product has been installed and used in accordance with the manufacturer's recommendations (as noted in the operating instructions) under normal use and reasonable care. The warranty covers normal domestic use only and does not cover damage, malfunction or failure resulting from use of incorrect voltage, accident, misuse, neglect, build-up of dirt or dust, abuse, mis-adjustment of customer controls, mains supply problems, thunderstorm activity, infestation by insects or vermin, tampering or repair by unauthorised persons (including unauthorised alterations), exposure to abnormally corrosive conditions or any foreign object or matter having entered the product.

If warranty service is required you should:

1. Telephone the Customer Care Centre on **1300 662 946**.
2. Provide a copy of your purchase receipt that shows retailers identity and date of purchase.
3. Send or bring the product to your Customer Care Centre. Please note that freight to and/or from your Customer Care Centre must be arranged by you.

The warranties hereby conferred do not extend to any costs associated with the delivery, handling, freighting or transportation of the product or any part thereof or replacement of and do not extend to any damage or loss occurring during, or associated with transit.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

The benefits under [our warranty] are in addition to other rights and remedies under a law in relation to the [goods/services].

THIS WARRANTY CARD AND THE PURCHASE DOCKET (OR SIMILAR PROOF OF PURCHASE) SHOULD BE RETAINED BY THE CUSTOMER AT ALL TIMES

WARRANTY PERIOD

12 MONTHS

FROM DATE OF PURCHASE

CALL

1300 662 946

WARRANTY PROVIDED BY

Customer Care Centre
562 Spencer Street West
Melbourne, VIC 3003

HANDSFREE
AUDIO/ VIDEO DOOR PHONE

WITH SURFACE MOUNT CCD CAMERA



Door Guard



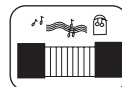
Warehouse



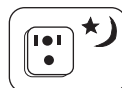
Baby Room



Gate Switch



Visitor Door



Night Vision



Inter-com