



## KCV-352 / D352 MANUAL

[ 2 wire color handsfree Video phone ]



KCV-352 / D352

English 04

Chinese 08

French 12

Russian 16

Spanish 20

Arabic 24



□ KC-C62



□ KC-MC22



□ KC-MC11

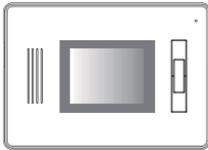


□ KC-MC32

## COMPONENTS of PRODUCT

### ■ Monitor Components

Monitor [KCV-352]

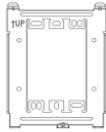


DC 18V Adapter (#KCV-D352)



4 x 25mm  
Screw for fixing monitor

A Wall Hanger Frame



AC Door Lock Wire



3 x 8mm  
Wall Hanger Fixing Screws

### ■ Door Camera Components

Door Camera [KC-C62]



Upward adjusting supporter  
for lens angle



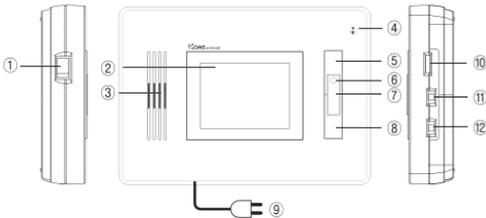
4 x 10mm  
Screws for fixing cabinet  
body on the wall



2.6 x 6mm  
Screws for fixing camera  
to main frame supporter

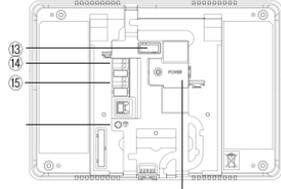
## Name and functions of Each Part

### ■ The Front side



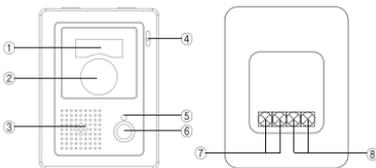
- ① Power switch : Use by turning AC power ON / OFF.
- ② Monitor screen (LCD) : Output of image sent from camera.
- ③ Speaker ④ Microphone
- ⑤ Monitor button : Push this button to check around camera when inside, and image is shown for 60 seconds. (Voice intercepted between camera and monitor)
- ⑥ Motion lamp (red) : When there is call from camera or monitor it flickers, and switches on when on call.
- ⑦ Speak button : Use this button to star / stop speaking.
- ⑧ Open door button : Use this button to open front door with connected door switch.
- ⑨ Power cord
- ⑩ Brightness adjustment volume : Adjusting LCD screen brightness to use.

### ■ The Back side



- ⑪ Call volume adjustment switch : Adjusting call sound in 3 steps [high, medium, low] to use. (In shipment : [medium])  
\* Cannot adjust call sound to "none".
- ⑫ Speaking volume adjustment switch : Adjust speaking volume transmitted from camera to monitor in 3 steps [high, medium, low] to use. (In shipment : [medium])
- ⑬ AC door switch terminal : Connects AC door switch.
- ⑭ Camera terminal : Connects camera with 2 wire nonpolar.
- ⑮ Extension monitor terminal : Connects extension monitor with 2 wire nonpolar.
- Color adjustment volume : Adjust color on LCD screen. (In shipment, adjusted to standard color)
- Power input section : Input AC or DC power and fix power cord.

### ■ CAMER (KC-C62)



- ① White LED diffusion : Has built-in white LED that works at night and flickers when it gets dark around camera.
- ② Camera section : Converts camera surroundings to visual signal and deliver to monitor.
- ③ Speaker
- ④ Microphone
- ⑤ Power LED : Authorize camera power from monitor when visitor pushes call button on camera to switch on.
- ⑥ Call button : Push this button for output of call sound from monitor.
- ⑦ Monitor terminal : Terminal that connects monitor with 2 wire (nonpolar).
- ⑧ DC door opener terminal : Terminal that connects DC door switch.

## Specifications

### Max wiring distance

TYPE	connection condition	railway line type and distance			
Line type	cross section (mm <sup>2</sup> )	0.3	0.5	0.8	CAT5
	Diameter (mm)	0.6	0.8	1.0	
Distance	monitor-camera	100	120	150	100 (m)
	monitor-extension monitor				

\*Power consumption :  
 On standby : 0.7W±20%,  
 In communication : 10.5W±10%,  
 In door opening : 19W±10%

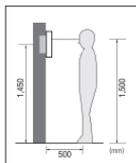
### Specifications

Model number	KCV-352	KCV-D352
Power	SMPS AC100V-AC240V	DC18V±3V
Assurance temperature	0°C ~ 40°C	
Communication system	Handsfree type	
LCD	3.5" Digital LCD (NTSC / PAL, Auto switching)	
Wiring	Camera : 2 wires (Non polarity) Extension monitor : 2 wires (polarity)	
Mount type	Surface mount	
Dimension	195 (W) × 140 (H) × 34 (D)mm	

## Product Functions and Features

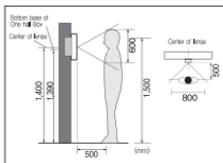
- Display product working condition with OSD : Display call condition, monitor condition, speaking condition , open door condition, Tint, Bright, error message on OSD
- When no signal on image, converts to standby condition
- Very low consumption of electric power in standby : 0.7W of electric power consumed in standby condition, reducing electric charges.
- Use of Digital 3.5" LCD Panel : Image is very clear and quality excellent due to use of digital LCD Panel.
- Nonpolar 2 wire method between camera and monitor : Can be easily installed due to nonpolar 2 wire method between camera and monitor.
- Extension monitor's 2 wire method : Extension monitor can be easily installed with 2wire polar.
- Long distance wiring : Can install up to 150cm between camera and monitor.
- Can connect door opener to monitor and camera  
 1) Can connect DC door opener to camera. 2) Can connect AC or DC type door opener to monitor.  
 \* Beware of simultaneous function of door opener connected to camera and monitor
- Automatic confirmation tool of connection between camera and monitor  
 : Connect wiring between camera and monitor, authorize AC power will be on. If disconnected or camera is malfunctioning, "Tee-dee-tee-dee" sound (2 times) will be on for 30 seconds, and screen error (Please check camera or connection) message will be on as LED switches off on monitor, enabling to confirm wiring condition between camera and monitor.  
 \* Turn AC power switch OFF, ON before taking measures for above causes.

## Installation location



### Monitor installation location

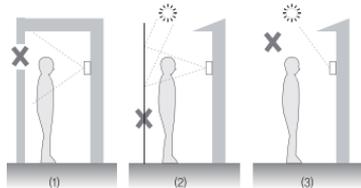
Standard monitor installation height is about 1,500mm where screen center is at eye level.  
 In this case, wall-hanging metal center (center of piping) is 1,450mm above ground level.  
 Standard installation height



### Camera installation location

Camera installation in height Standard camera installation height is when lens is about 1,400mm above the floor.  
 In this case, camera stack center (piping box) is above 1,350mm above ground level.  
 Standard installation in height

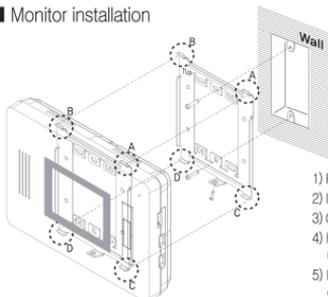
\*The above angle of view is based on the KC-062 camera.  
 The numbers vary according to the type of camera.



### Caution of Camera installation

- Avoid installing camera exposed to direct ray of light (and sunlight).
- Beware backlight and darkness of visitor's face, which makes identification difficult.
- Avoid installing camera in places such as the following picture.
  - Place illuminating sky as background
  - Place with white wall reflecting direct ray of light
  - Place with direct ray of light

### Monitor installation



- Remove wall-hanger bracket metal behind monitor.
- Install wall-hanger bracket metal on 1 type box or wall with attached Vis. connection diagram.
- Connect wiring to monitor back terminal referring to product hanger bracket metal
- Hang monitor on wall-hanging metal, and fix monitor on wall-using attached Vis.
- Plug monitor's power plug into consent and check to see if the power switch is [ON]

### Directly connecting cut-off power cord with power wire

- Do not do such electric work on your own. Installing product in this way requires reliance on electric installation man with electric work license.
- Insulate with insulating tape while cutting off power cord and wire so electric wire metal does not expose. Contact between exposed electric wires cause fire or electric shock accident.
- Such electric work requires connection after interception of supplied power.

## Product connection diagram

If you connect other types of cable in the middle of communication cable wiring between monitor/camera, monitor/extension monitor or divide parallel pattern, image screen may shake or quality may deteriorate. Also, wire not used in communication wiring must be deleted or

ion cable wiring  
allel 2wick to  
connect product.

### Product connection diagram

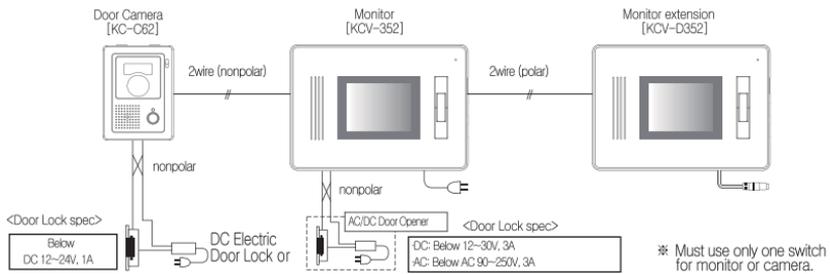
- Beware in installation of pushing open door button, which cause connected to monitor to motion.
- Connect DC switch and AC switch movement power separately. S and switch connecting to monitor can use AC or DC type.

s DC switch connected to camera and AC (or DC) switch with connecting to camera can only use DC switch,

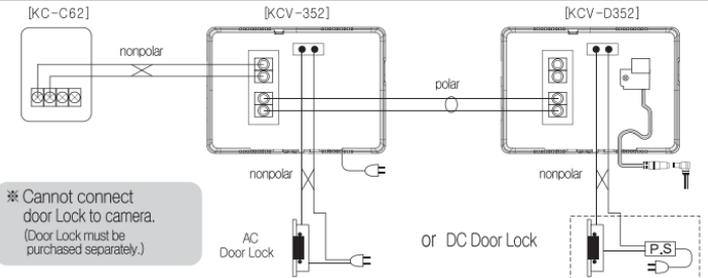
※Door opener caution total product wiring diagram Connection method.

Method for use as below

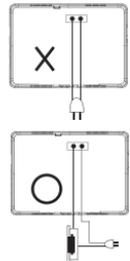
### wiring diagram



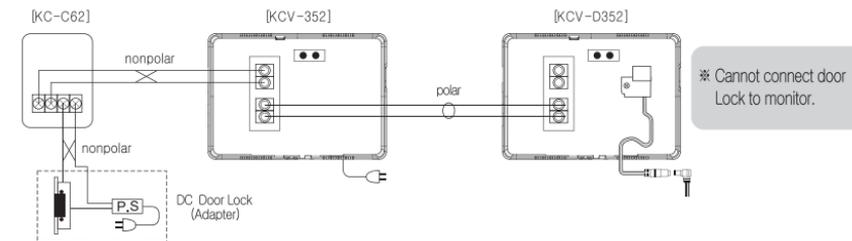
### AC or DC wiring diagram on monitor



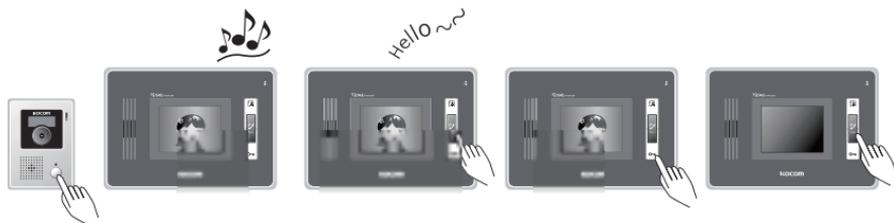
### Caution of Door Lock



### Door opener wiring diagram on door camera in DC



## ■ Calling from camera



Push call button from camera. You can hear small call sound toward camera and check the call.

You can hear call sound from all connected monitors, and camera image comes out on screen.

① Push monitor button to convert to monitor tool for 60 seconds.  
② Push speak button to speak with camera.

Push open door button to open front door. About 5 seconds after pushing the button, call ends automatically.

Call ends when you push open door button and speak button once again.

\* Open door opener works only in speaking condition, and does not

work when no image is on screen.

## ■ Using monitor tool



Push monitor button when there is no image on monitor screen.

Camera image appears on screen. But(only), voice speaking is intercepted.

Push monitor button once more, and image is intercepted. Do not push the button and after 60 seconds image is intercepted automatically.

Push door open button after speak button, and front door opens. 5 seconds after pushing door open button, speaking ends automatically.

## ■ Monitor screen time

- Not pushing speak (or monitor) button after calling from came
- Pushing monitor button to check around camera
- Push speak button to speak with camera

Screen time : 30 seconds

Screen time : 60 seconds

Screen time : 3 minutes

## ■ Screen brightness, call sound, speak volume adjustments

- Screen brightness adjustment : Screen brightness variable to
- Call sound adjustment : Call sound variable in 3 step
- Speak volume adjustment : Speak sound (monitor output voice)

Screen brightness

Screen brightness (high/medium/low).

Screen brightness variable in 3 steps (high/medium/low).

## Warranty

**To receive after-sales service, have the following ready when you contact our branches**

1. Name of the product
2. Model number of the product
3. The area of problem
4. Phone number and address at which you can be contacted.

## Warranty Card

PRODUCT	
MODEL	
DATE PURCHASED	
WARRANTY PERIOD	
AGENCY ADDRESS	

⊙ **KOCOM Warranties the original purchaser of this product as follows.**

- 1) This product is produced under strict quality control and inspection procedures.
- 2) If this product breaks down during proper use as a result of product defect, KOCOM will repair it within one year from date of purchase free of charge.
- 3) The following cases will be subject to charge, even during warranty period:
  - a. Breakdown during transport, or through careless treatment, by consumer.
  - b. Breakdown cause by unauthorized repair, or system modification.
  - c. Breakdown caused by natural disaster or power disorder.



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This manual is based on the date as shown in the right and specifications are subject to change without notice for quality improvement