#### Warranty



## To receive after-Sale 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
- 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.

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

KVM604EM-02 02.05

Infra-red LED Diagonal 120°, 90° (KC-D20)  L'5W(In Load) Blectronic chime Sound SWired in polarity SWined in polarity	Power consumption Signal Sound Wiring	(KDP-504A) PHONE
Infra-red LED Diagonal 120°, 90° (KC-D20) 1.5W(In Load) Electronic chime Sound	Power consumption	PHONE
Infra-red LED Diagonal 120°, 90° (KC-D20) DC12V IV(power from KVM-604 Monitor)		
Infra-red LED Diagonal 120°, 90° (KC-D20)		NOOG
Infra-red LED	Power source	ВООВ
Infra-red LED	Angle of grave	
	Mination	
$mm(G)2\xi \times (H)721 \times (W)89$	Dimension	
0.1Lux (LED ON)	Min. Illumination	Black / Silver
F.2.0, f=3.0mm	rens	(KC-D20)
Vertical: 50Hz (CCIR)/60Hz (EIA)	_	
Horizontal: 15.734KHz, 15.625KHz	Scanning frequency	(KC-C10)or
-10°C ~50°C	Assurance temperature	CAMERA
	Power consumption	
DC12V 1V(power from Monitor) Max: 2.5W	Power source	
204(W) × 210(H) × 50(D)mm		
	Dimension	
φ.0.65 Single Cable/50m,5C-2V Coaxial Cable/100m	Max Wiring Distance	
4 Wired in polarity (Power, GND, Voice, Video)	gniniW	
Picture: 75ohm, Voice: 600ohm	Output Impedance	
Chime sound (Ding-dong)	Call signal sound	(K∧M-604)
Duplex handset conversation		MONITOR
4 inch Flat Tube (B/W)	Braun tube	aotinon
0,C ~+20,C	Ambient temperature	
W8.0: Vd bnst2, W21.xsM	Power consumption	
Power Built-in AC 110V~220V	Power source	
• Flush-mount cabinet • Rear Box (Metal front)	suoita	office
• Finishing rubber	Screws for fi Wall hanger panel Wall hanger panel is packed in the Monitor	
Monitor Accessories     Accessories     Accessories     Accessories		
Camera lens angle upward		,000b2.
is packed in the supporter for adjusting		
* Wall hanger panel • Upward adjusting		80 BB
• Main body supporter		
to panel  • Screws for fixing camera  • Screws for fixing camera  wall hanger panel		
main body supporter		
● Camera Accessories	amera	● Monitor & C
Component		
	Tuə	uoawo^



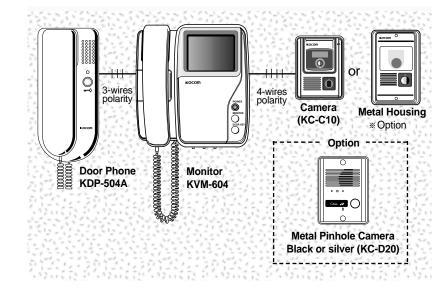
# VIDEO DOORPHONE

KVM-604 Operating Installation Manual

#### **Clear & Bright Picture at Low Light**

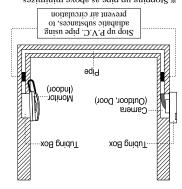
- 4" Flat Monitor
- 4 Wired
- Easy Installation
- Slim Size Camera
- Wide view angle (120°)
- AC 90V to 250V free Voltage







\* Stopping up pipe as above minimizes temperature difference between indoors and outdoors, and also eliminates moisture and condensation on door camera window.



 Do not install monitor and camera in locations subject to direct heating as harmful gases may subsequently be emitted in significant amounts.

and outdoors. To prevent breakdown due to such condensation, connection should be made in 2 hours or more after installation.

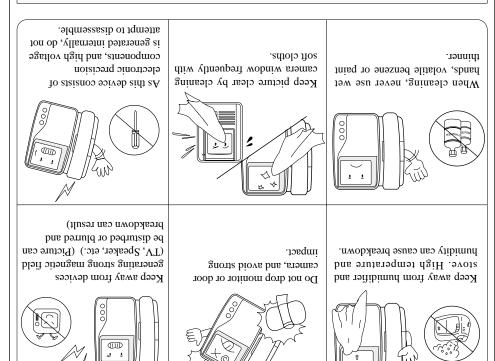
 If installed during winter season at temperature below
 5°, condensation might be generated inside monitor and camera due to temperature difference between indoors

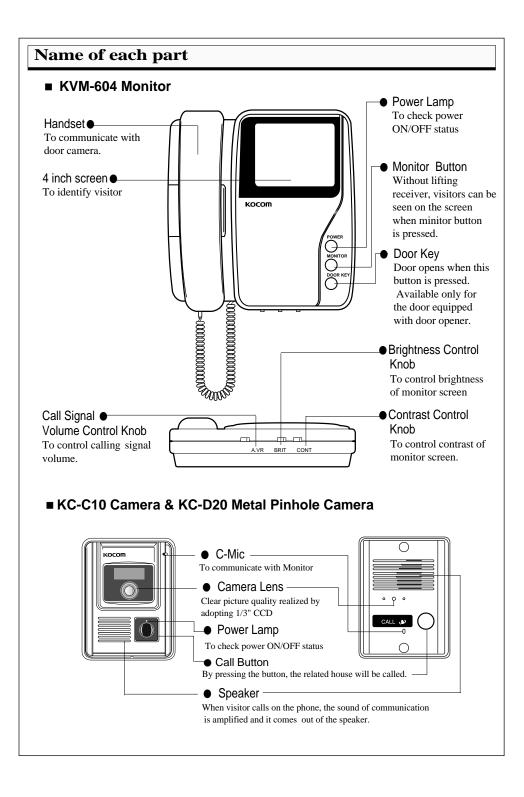
- Camera should be installed on the wall in which cement is completely dry.
   If installed during unitate soons at temperature below.
- from ground, centered around brawn tube.

   Camera should be installed on the wall in which cement
- Camera must be installed at a place free from rain.
   Standard height of monitor must be 1,450mm~1,500mm
- Monitor and camera must be installed away from direct light and counter light.

#### Installation Precautions

Precautions for Operation





## automatically.

from the monitor,

visitor is appeared

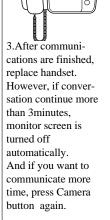
while screen is

turned on and

■ Identifying and talking to visitors

1.Call signal rings

2.Hold handset and identify visitor. Then, communicate with visitor. And.unless vou replace handset within 30 sec., the monitor screen is turned off automatically. (If call from another camera while talking over the phone, the screen is changed automatically.)



#### ■ Checking out door side - Don't need to hold handset

**How to operate (Instruction for operating)** 



- 1. If press camera button on the monitor, screen is turned on automatically. And, you can check out door side.
- 2. After checking, screen is turned off as pressing camera button again. (If you press wanted camera button, you can see it's image)

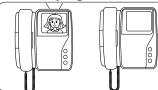
#### ■ Identifying visitors

When visitor

presses the call

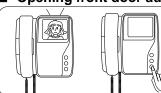
button of door

camera



- 1. If press call button on the door camera, the screen is turned on automatically. And, you can check out door side.
- 2. At this time, you can easily identify visitors without lifting handset.( After 30sec., Monitor screen is turned off automatically)

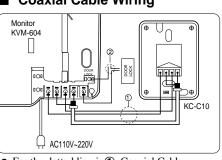
#### Opening front door automatically



- 1. If press call button on the door camera, the screen is turned on automatically. And, you can check out door side.
- 2. At this time, you can easily identify visitors without lifting handset.( After 30sec., Monitor screen is turned off automatically)

#### Video Doorphone Wiring Diagram

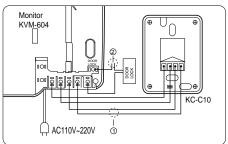
#### ■ Coaxial Cable Wiring



- For the dotted line in ①, Coaxial Cable wiring (Max. cable distance 100M)

Transmission	4-wired
Wiring	
Braun tube	4-INCH B/W Braun tube
	TIV $0.5 \phi$ : Max. 20m
Cable Distance	TIV0.6 $\phi$ : Max. 30m
	TIV0.65 $\phi$ : Max. 50m
	Coaxial cable: Max. 100m

#### Interphone Wiring



- For the dotted line in ①, TIV 0.65 must be used. (Max. cable distance 50m)
- For the dotted line in **2**, TIV 1.6 must be used. For the dotted line in **2**, TIV 1.6 must be used.

#### Caution for wiring

• Available video doorphone wiring with TIV O.8mm is less than 50m in length.

· Connecting wiring between monitor and door camera should not be installed near other electrical cable, nor be horizontal.(In such case, clear picture can not be expected due to interruption by electrical noise)

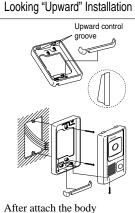
When system is attached to 1 rectangular switch box

#### **Door camera Installation**

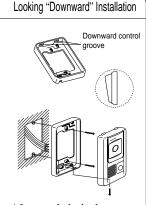
#### **■ KC-C10 Surface-mounting Door Camera Installation**



After attach the body supporter with 2 screws. put the Door Camera into the grooves of body supporter, and then fix it with a screw.

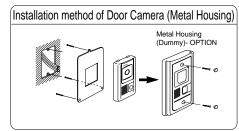


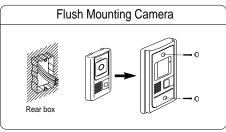
After attach the body supporter with 2 screws, insert the upward support into the upward groove of body supporter, and then fix it with a screw.



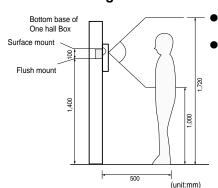
After attach the body supporter with 2 screws. insert the Door Camera into the downward control groove, and then fix it with a screw.

#### **KC-C10 CAMERA**, (Metal Housing-Option)



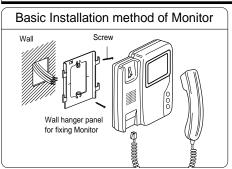


#### Standard Height of Door Camera



- ullet Standard height of the door camera is 1,400mm  $\sim$ 1,450mm from the bottom of one camera to the floor.
- In case that the height of Door camera exceeds the range of min. 1,250mm~1,550mm, it is impossible to control the screen picture with only the lens angle, and therefore, be careful of the height of camera installation.

#### Monitor Installation



#### ■ Standard height monitor

- Standard height of monitor is ranged 1,450 ~ 1,500 from bottom to the center of monitor screen.
- For installation, avoid the places where there is any excessive humidity, magnetic force, dangerous chemicals, direct ray of sun, and any places near a heater which can cause break down.

