

KOCOM

MINI METAL PINHOLE CAMERA

KC-MB20 / KC-MC20 User's Manual for Operation and Installation

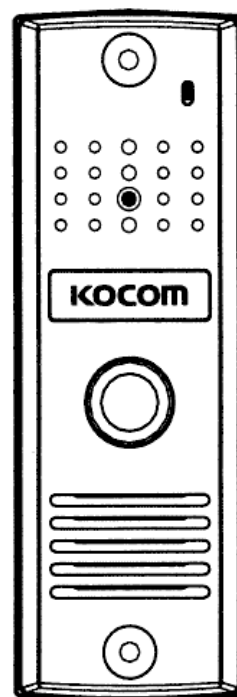
◆ Features

- ▶ Call and communication with indoor unit.
- ▶ Door open function (Extra DC Power is necessary).
- ▶ Infrared ray LED for night detection : KC-MB20.
- ▶ White LED for night detection : KC-MC20.

Thank you very much for
purchasing KOCOM
Mini Metal Pinhole
Camera.
Please read this
manual thoroughly
to ensure correct usage,
before operation.



KC-MB20
(B/W)



KC-MC20
(COLOR)



KOCOM CO.,LTD.

Specifications

KC-MB20		
MINI METAL PINHOLE CAMERA	Power Source	DC 12V \pm 1V (Powered from monitor)
	Power Consumption	Max : 3.2W
	Assurance Temperature	-10°C ~ 50°C
	Scanning Frequency (CCIR)	15.625 KHz (H), 50Hz (V)
	Scanning Frequency (EIA)	15.734 KHz (H), 59.94Hz (V)
	Lens	Fixed
	Min. Illumination	0.1 LUX (IR LED ON)
	Angle of Picture	Diagonal 90°
	Dimension	40(W) \times 120(H) \times 22(D)mm
	Color	Silver
	Installation Maximum Distance	IV 0.65 ϕ 50M

KC-MC20		
MINI METAL PINHOLE CAMERA	Power Source	DC 12V \pm 1V (Powered from monitor)
	Power Consumption	Max : 3.2W
	Assurance Temperature	-10°C ~ 50°C
	Picture Elements (NTSC)	510 (H) \times 492 (V)
	Picture Elements (PAL)	500 (H) \times 582 (V)
	Lens	Fixed
	Min. Illumination	0.1 LUX (White LED ON)
	Angle of Picture	Diagonal 90°
	Dimension	40(W) \times 120(H) \times 22(D)mm
	Color	Silver
	Installation Maximum Distance	IV 0.65 ϕ 50M

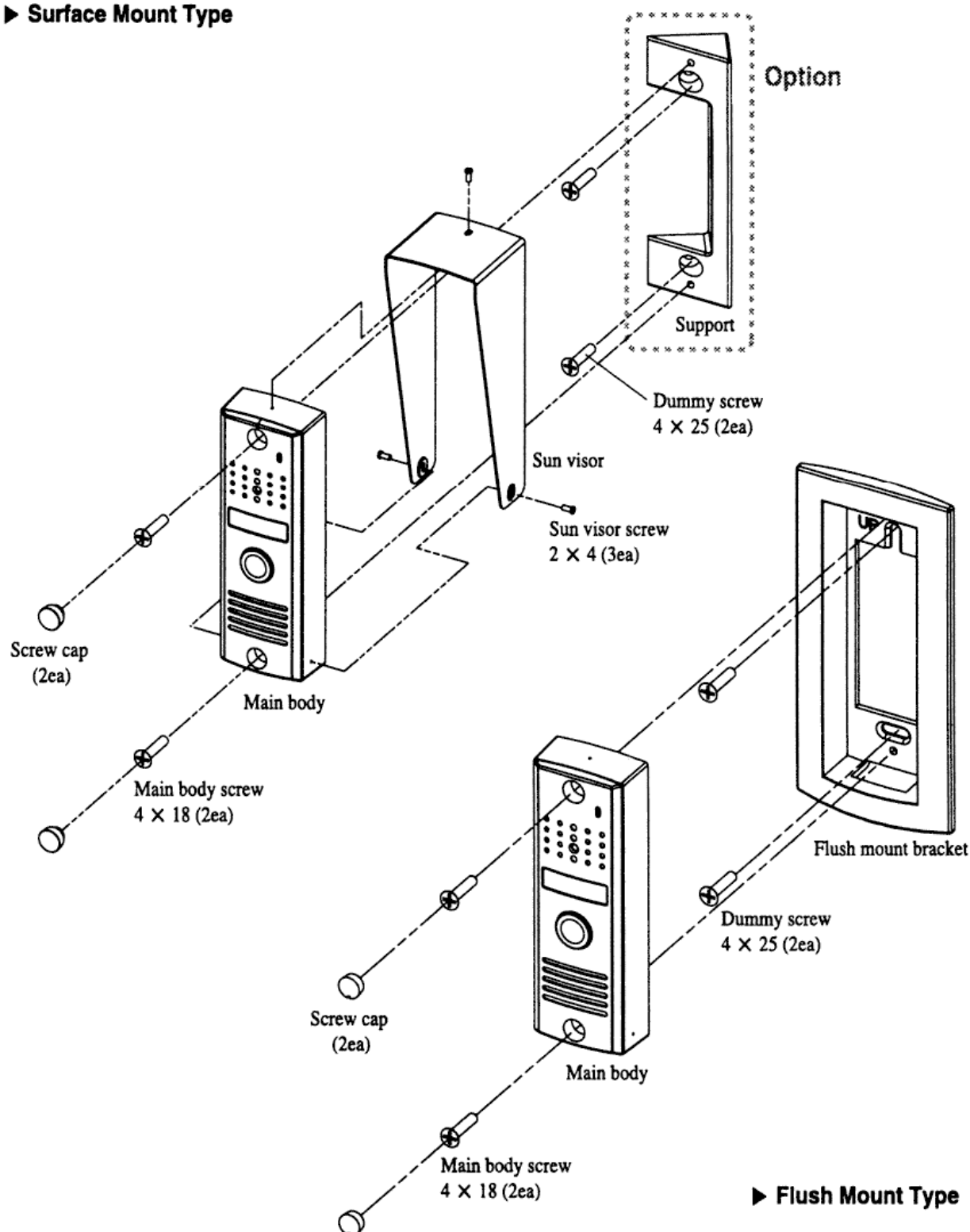
※ CAUTION

- Do not drop and avoid strong impact.
- Install with coaxial cable(5C-2V) and metal pipe at the places having strong magnetic field and electrical noise. (for camera)
- For installation, avoid the places of high or low temperature, high humidity, or the places getting strong direct sun light.
- KC-MB20 should be used with KIV-102, KVM-514GS, KVM-524GS, KVM-604 monitor only for good quality and operation.
And when KC-MB20 is used with those monitors which have door opener terminal connection on the monitor, the door opener connection (2wire) in KC-MB20 is not used. Do not use door opener connection (2wire) in KC-MB20, when combined with the monitor which has door opener connection on the monitor (KIV-102, KVM-514GS, KVM-524GS, KVM-604).
KC-MC20 should be used with KIV-202, KIV-D202, KCV-350 & KCV-D350 only.
For door opener connection,
- For KIV-202 & KIV-D202
The door opener should be connected to door open line terminal (SW1 +, SW2- with polarity) on the monitor directly.
- For KCV-350 & KCV-D350
The door opener should be connected to the 2 wire connection (non polarity) on the camera KC-MC20, as because KCV-350 & KCV-D350 have no door open line terminal on the monitor but has door open signal in voice line.
- When KC-MB20 is combined with KIV-101 monitor, Priority button on KIV-101 does not work because of camera spec.

6. The communication may not be clear in noisy place.
7. When you install the front door camera, in order to prevent that rainwater enters into the camera through the wires, please hang the wires down.

Installation

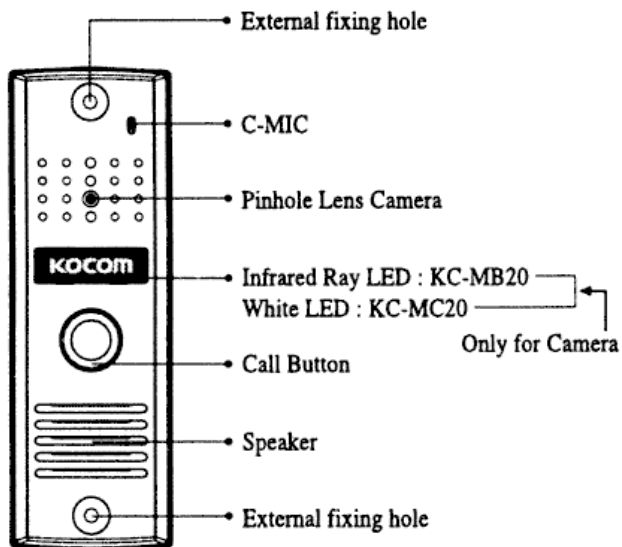
► Surface Mount Type



Component's Name

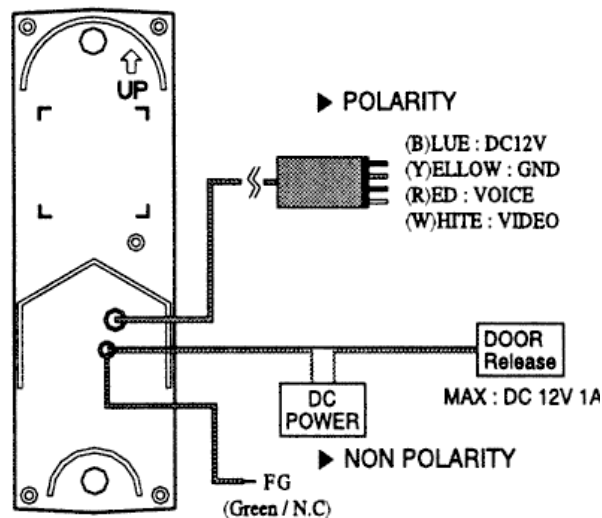
■ KC-MB20 / KC-MC20 Function Parts

► FRONT PART



■ KC-MB20 / KC-MC20 Installation Parts

► REAR PART



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
4. Phone number and address at which you can be contacted.

Kop-Cun
X-3en
Kp-X
Ben-

Warranty Card

PRODUCT	
MODEL	
DATE PURCHASED	
WARRANTY PERIOD	
AGENCY ADDRESS	

■ KOCOM Warranties the original purchaser of 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.

KC-MB20 / MC-20 06.06