

# User Manual

Color Door Camera DRC-4U



[www.commax.com](http://www.commax.com)

**COMMAX Co.,Ltd.**



- Thank you for purchasing COMMAX products.
- Please carefully read this User's Guide (in particular, precautions for safety) before using a product and follow instructions to use a product exactly.
- The company is not responsible for any safety accidents caused by abnormal operation of the product.



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## 1. Introduction

Your unit is designed so it can be flush mounted on the wall or used. When flush mounted on the wall, the stand permits you to view the unit for an angular view. The model number is located on the bottom and record the serial number in the space provided below (available). Refer to these numbers whenever you call upon your COMMAX dealer regarding this product.

Model No. \_\_\_\_\_

Serial No. \_\_\_\_\_

**To prevent fire or shock hazard, do not expose the unit to rain or moisture.**



This symbol is intended to alert the user to the presence of uninsulated **"dangerous Voltage"** within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.



### caution

Risk of electric shock  
do not open



CAUTION: To reduce the risk of electric shock, do not remove cover (or back) no user-serviceable part inside refer servicing to qualified service personnel

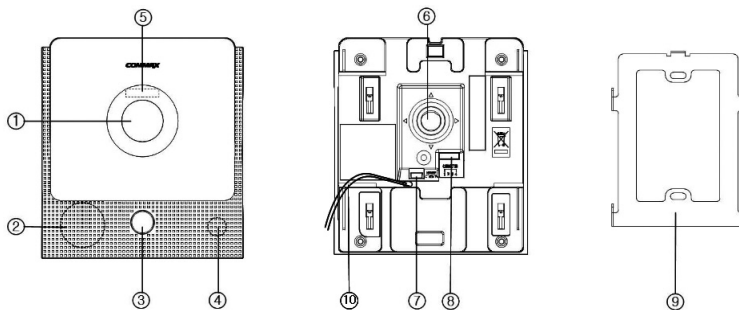


## 2. Important Safeguard

- ▲ **Damage Requiring Service:** This equipment from the power source and source and refer servicing to qualified service personnel under the following conditions:
  - ① when the power is damaged.
  - ② if liquid has been spilled or objects have fallen into the unit
  - ③ if the equipment has been exposed to rain or water.
  - ④ if the equipment has been dropped or otherwise damaged.
  - ⑤ when the equipment exhibits a distinct change in performance- this indicates a need for service.
- ▲ **Water and Moisture:** Do not use this product near water, for example, near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, and the like.
- ▲ **Accessories:** The product may fall, causing serious injury to a child or adult, and serious damage to the appliance. Any mounting of the manufacture's instructions, and should use a mounting accessory recommended by the manufacturer.
- ▲ **Object and Liquid Entry:** Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
- ▲ **Lightning:** For added protection for this product before a lightning storm, or when it is left un attached and un used for long periods of time, unplug it from the wall outlt and disconnect the other system. This will prevent damage to the product due to lightning and power-line surges. If you live in an area heavily prone to lightning storms, it is recommended that you invest in power-line, telephone-line, RFcable and actuator/ polarization surge protectors to protect your appliance system from possible damage



### 3. Part Names.

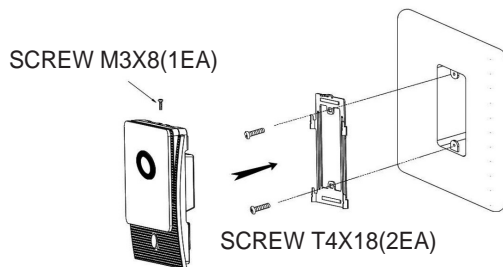


- ① Camera Lens : Transferring image
- ② Speaker : It delivers voice to a visitor
- ③ Call Button : Call a residence
- ④ Microphone : It delivers voice from a visitor
- ⑤ LED & Illumination Sensor : Offer clear image at night
- ⑥ Camera Angle Adjustment
- ⑦ Volume Control (driver available)
- ⑧ Monitor Connection Terminal
- ⑨ Wall Bracket
- ⑩ Door Release Connection Cable

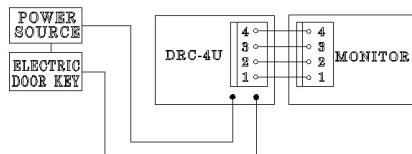


## 4. Installation & Wiring

[FIG-1]



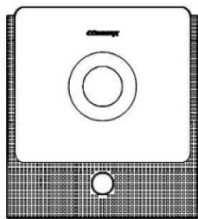
[FIG-2]



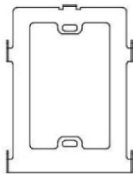
- ① Fix a bracket on a wall with screws
- ② Wiring #1, 2, 3, 4 on the back side of a door camera with a monitor as shown in [FIG-2]
- ③ Put a door camera unit into a wall bracket
- ④ Wire door release connection terminal as shown in [FIG-2]
- ⑤ Tighten a screw at the top side of a door camera. [FIG-1]



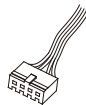
## 5. Package contents



Door Camera



Bracket



Connector  
(4PX200)



Bracket  
Screw(2EA)  
(T4X18)



Manual



Camera  
Screw(1EA)  
(M3X8)





## 6. Specification

Model No.	DRC-4U				
Rated Voltage	12V $\equiv$ (Supplied from monitor)				
Wiring	4 wires(polarity)to a monitor				
	2 wires(non-polarity)to a electric door lock				
Video Transmission Standard	NTSC or PAL STANDARD.				
Sensor Type	C-MOS(1/3")				
Transmission	Full Duplex				
Minimum Illumination	0.1 Lux(within300mm)				
LED	Embedded LED(Night working)				
Effective Viewing Angle	(H)81°, (V)56°				
Angle Adjustment	Up / Down / Left / Right : Every 10°				
Operating Temperature	-10°C(tested up to -40°C)~+40°C				
Dimension (mm)	140(W) x 153(H) x 45(D)				
Installation between a Door	Diameter(pie)	Ø0.5	Ø0.65	Ø0.8	Ø1
camera and a monitor(TIV Cable)	Distance(meter)	28m	50m	70m	115m



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*PM104U000010*

*Printed In Korea / 2014.02.105*