

*Since 1968*

**COMMAX**  
SmartHome & Security

# User Manual

Color Door Camera DRC-4G



[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 or used. When flush mounted on the wall, the stand permits you to the unit for an gular of unit 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 use to the presence of uninsulated **"dangerous Voltage"** within the product' s enclose that may be of sufficient magnitude to constitute a risk of electric shock to persons.



This symbol is intended to alert the use 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

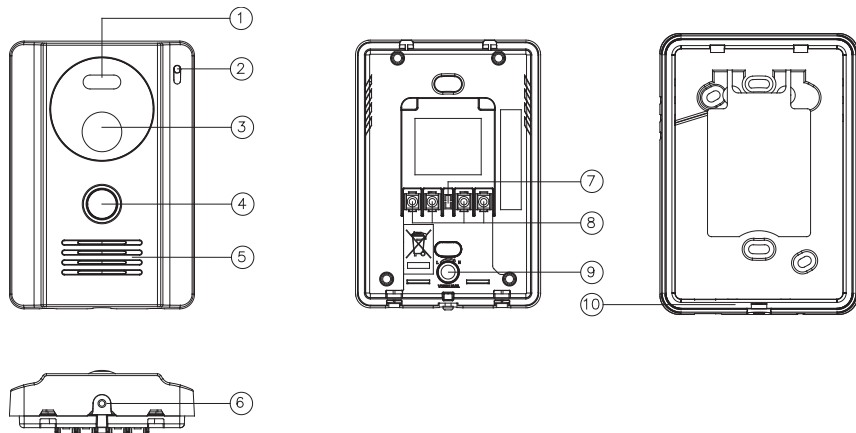


## 2. Important Safeguards

- ▲ **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 spoiled 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 unattached and unused for long periods of time, unplug it from the wall outlet 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, RF cable and actuator / polarization surge protectors to protect your appliance system from possible damage



### 3. Overview



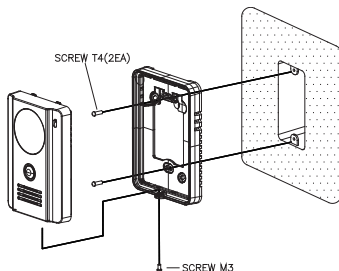
- ① White LED & illumination sensor : Offer clear image at night
- ② Microphone : It delivers voice from a visitor
- ③ Camera lens : Transferring image  
It should be kept clean
- ④ Call button : Call a residence
- ⑤ Speaker : It delivers voice to a visitor
- ⑥ Screw Hole
- ⑦ Door Release connection terminal
- ⑧ Mointor connection terminal
- ⑨ Volume control (1.2~1.5mm [ - ] driver avilable)
- ⑩ Wall Bracket



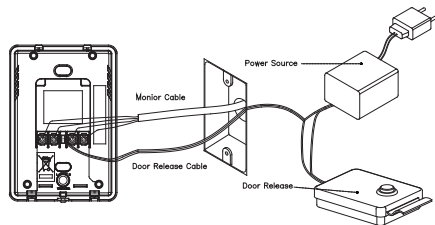
## 4. Wiring and Installation

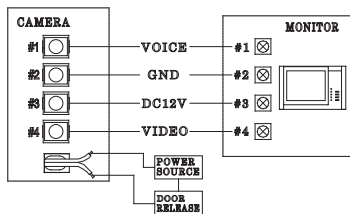
1. Fix a bracket on a wall with screws
2. Wiring #1, 2, 3, 4 on the back side of a door camera with a monitor as shown in [FIG-2]  
(#1 : VOICE, #2 : GND, #3 : DC12V, #4 : VIDEO)
3. Put a door camera unit into a wall bracket
4. Wire door release connection terminal as shown in [FIG-2]
5. Tighten a screw at the bottom side of a door camera. [FIG-1]

[FIG-1]

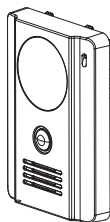


[FIG-2]

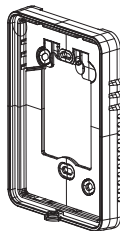




## 5. Contents



Door camera



Bracket



Camera fixing  
screw



Bracket fixing  
screw



Volume  
Sheet



## 6. Specification

Model No.	DRC-4G				
Rated Voltage	DC 12V (Supplied to 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	CMOS IMAGE SENSOR				
Transmission	Full duplex				
Minimum Illumination	0.1 Lux (within 300mm)				
LED	Embedded white LED (night working)				
Effective Viewing Angle	Horizontal 75°, Vertical 55°				
Angle Adjustment	Upward 13				
Operating Temperature	-10°C(tested up to -40°C)~ +40°C				
Weight (g)	300g				
Dimension (mm)	101(W) x 142(H) x 32(D)				
Installation between a door camera and a monitor(TIV Cable)	Diameter(pie)	Ø0.5	Ø0.6	Ø0.8	Ø1
	Distance(meter)	28m	50m	70m	115m



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