

Since 1968

COMMAX
SmartHome & Security

User Manual

DOOR CAMERA DRC-4CGN2



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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6. Specification

specification	Model	DRC-4CGN2
Image Sensor		CMOS 1/4"
Power source		12V == (supplied from the Monitor)
Wiring(household)		Polar 4 wires
Call mode		Duplex
Camera angle		horizontal angle 47°, vertical angle 34°
Angle adjustment		Fixed
Format		NTSC or PAL STANDARD
Lamp		Built-in white LED (automatically turns on in night)
Low illumination		0.1 LUX (Up to 300mm in front of the camera)
Workable temperature		-10℃ (tested up to -40℃)+50℃
Dimension(mm)		87.5(W) x 120(H) x 21(D)
Weight(g)		280



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

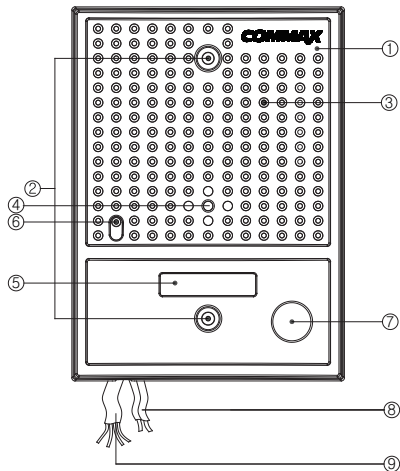


2. Important Safeguards

- ▲ **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 Name of each part and function



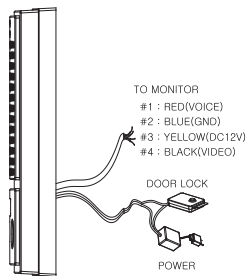
[FIG-1]

- ① Front panel
- ② Mounting Holes
- ③ Speaker : Transmits sounds from the household
- ④ Camera Lens : keep cleaning up from dust or foreign substances.
- ⑤ LED Lamp : The LED lamp is turned on for clear view during night.
- ⑥ Microphone : For use when communicating with the household
- ⑦ Page Button : Used to page the household
- ⑧ Door release cable : Connect with door release switch
- ⑨ Monitor cable : Connect with household monitor after matching up the polarity

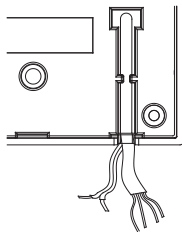


4. Wiring and Installation

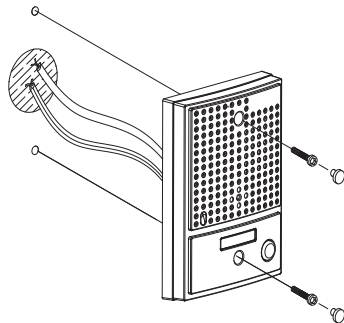
1. Cut out the MOUNTING TEMPLATE included in the manual and use it to drill mounting holes($\varnothing 6.5$) on the wall. insert Concrete anchors in the holes.
2. Wire the household monitor cables as shown below with matched polarity as picture below.
[FIG-2]
(#1:RED/VOICE, #2:BLUE/GND, #3:YELLOW/DC12V, #4:BLACK/VIDEO)
3. Connect the door release cable as picture below. [FIG-2]
4. For exposed wiring, organize the wiring through the case as shown below.[FIG-3]
5. Secure using bolts and cover with AL.Screw Covers. [FIG-4]



[FIG-2]

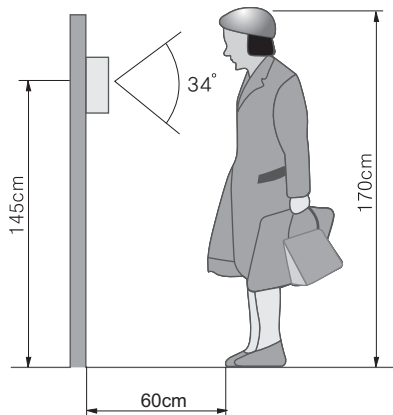


[FIG-3]



[FIG-4]

- Please refer to the below images regarding the installation position of the product.





5. Package



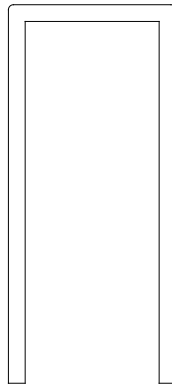
M/T HOLE CAP



SCREW FH1T 3.5X30



SHEET VOLUME



RUBBER WATERPROOF



Screw wrench M4X30



Anchor Bolt



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