



**commax<sup>®</sup>**

# Color & B&W CCD Camera [For Outdoor Camera] Model: DRC-40CS/40BS

## Use and Care Guide

Before operating the unit, please read this manual thoroughly and retain it for future reference

Introduction.....	2
Important Safeguard.....	3
Location And Function Of Controls.....	4
Note On Use And Installation.....	5
System Network And Camera Height Level/Wiring.....	6
Specification.....	7

 **commax Co., Ltd.**

### Important Safeguard

**Servicing** - Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel

**Replacement Parts** - When replacement parts are require, be sure the service technician has used replacement parts specified by the manufacturer or having the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.

**Safety Check** - Upon completion of service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

**Power Line** -The commax door entry system should not be located near overhead power lines or other electric light or power circuits, or where it can fall into power lines or circuits. When installing a door entry system, avoid dangerous contact with power lines or circuits.

**Attachment** - Do not use attachments not recommended by the product manufacturer as they may cause hazards.

**Power Sources** - This equipment should be operated only from the type of power source indicated on the marking label.

## General Features

- Material prevent corrosion-strong construction is achieved by aluminium
- Easy installation and gracefulness design
- Capable of installation for sub-units
- Designed semi-surfaced mount on the wall type

## Preparation

- On Safety**
- For DC 12V operation version
  - Should any solid object or liquid fall into the cabinet, disconnected the unit and have it checked by qualified personnel before operating it any further.
  - Allow adequate air circulation to prevent internal heat build-up.
- On Installation**
- Do not place the unit on surfaces (rugs, blankets,etc) or near materials(curtains, drapereis) that may block the ventilation slots.
  - Do not install the unit near heat sources such as radiators or air ducts or in a place subject to direct sunlight, excessive dust, mechanical vibration or shock.
- On Operating**
- Keep the unit and glass away from equipment with strong magnets, such as a microwave oven or large loudspeakers.
  - When the unit is not in use, turn off the power to conserve energy and to extend its useful life (available).
- On Cleaning**
- Clean the cabinet, glass and controls with a dirt soft cloth, or a soft cloth lightly moistened with mild detergent solution.
  - Do not use any type of solvent, such as alcohol or benzene, which might damage the finish.
- If you have any questions about this unit, contact your Commax dealer.*

3

## Location And Function of Controls

### Front View

### Rear View

- 1 Window Protect for Lens
- 2 Infrared L.E.D.
- 3 CCD camera lens
- 4 Speaker
- 5 Microphone
- 6 Calling Button
- 7 Connection to terminal for residential

- 8 Specification Label
- 9 Wall Hinge
- 10 Dimensions(mm) : 99.5(W) x 141.5(H) x 37 (D)
- 11 Camera lens Angualr Adjust Lever
- 12 Operating LED Indicator
- 13 Reflector Connection Wire

4

## Note On Use And Installation

### Do Not Aim The unit At The Sun/Raining

Do not aim the unit at the sun or point it at the sun/raining even if you are not shooting.

### Do Not Shoot Intense Light

Framing intense light such as a spotlight may cause bloom or smear. A vertical stripe may appear on the screen. However, this is not a malfunction.

### Treat The Unit With Care

Do not drop the unit or subject it strong shock of vibration. Otherwise, the components may malfunction.

### Never Touch Internal Parts

Do not touch the internal parts of the camera other than that parts specified. Otherwise, the camera may malfunction.

### Check The Ambient Temperature And Humidity

Avoid using the camera where the temperature is hotter or colder than specified. Otherwise, the quality of images may deteriorate or internal parts may be affected. Special care is required to use the camera at high temperature and humidity.

### Should You Notice Any Trouble

If any trouble occurs while you are using the camera, turn off the power and contact your dealer. If you continue to use the camera when there is something wrong with it, the trouble may much worse and an unpredictable accident may occur.

### Do Not Slash Water On The Unit

Install the unit where the unit can be kept dry. If the unit a gets wet, turn off the power and contact you dealer.

## System Network And Camera Height Level

1. Checking to polarity that conection to monitor before instillation.
2. Use screw (supplied) and unit attached on the wall (as shown side)
3. Adjustment to angukar field of lens for your desire.  
Adjust that unit of rear by angular adjustment lever.

*Note : If you have question about installation it, Refer to monitor Operating Manual*

### Camera Install Height Level / Wiring (as shown below)

### Before Install Consideration

*When selecting the location for mounting/attaching your unit,*

- Allow adequate space on the both side of the unit for proper ventilation access to cable and unit for aural easy.
- For angular field of camera view and just by manually be sure there is sufficient space behind the unit to adjustment to angular field of view its position (Refer to System network and Camera or Note On Use And Installation page).

1400

Unit:mm

## Specification

Model No.	DRC- 40CS	DRC-40BS
<b>Pick-up Device</b> <b>Power Sources</b> <b>Wire installation</b> <b>Minimum Illumination</b> <b>Communication Ways</b> <b>Hori./Vert. Frequency</b> <b>Angular Field Of Adjust</b> <b>Ambient Operating Temperature</b> <b>Dimensions(W/H/D)mm</b>	1/4" Color CCD Camera DC 12V (Power supply from the monitor) 4 Wires Polarity/2Wires Non-polarity 3.0Lux Synchronous Communications Horizontal:15.735KHz/60Hz Horizontal : 68 ° Vertical : 12° -10° C to +40° C 99.5/141.5/.37	1/3" B&W CCD Camera  0.1 Lux (For front 300mm)  Vertical : 15.625KHz/50Hz Up:8° C Down:12° C
<b>For Installation (with cable)</b>  <b>Accessories</b>	For Use TIV 0.65 : 50m For Use Coaxial Cable C5 2V :100m T4 x 18mm : 2ea M3 x 10mm : 1ea	

*External design, features, functions and specifications of the product can be changed without any prior, for promoting the quality of the products.*

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For More Information, Contact to Web Site  
**www.commax.co.kr**  
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