



## RE-RE-BBC2

## BCC4

### USER MANUAL

#### Product Composition

- ▶ Camera Cable
- ▶ of connection
- ▶ power and video output
- ▶ Support bracket



#### The camera

The RE-RE-BBC2 cameras and BCC4 belong to the category of protected container cameras. They are very practical because cameras can also be installed in hostile environments or outdoors without the need for a protective case. The

dimensions I'm very contained, the that allows

achieve unobtrusive aesthetics of environmental monitoring points.

#### Target

The camera is typically provided with a standard 3.6 by objective mm. the RE-036S type which provides a good wide-angle view, suitable for environments

media size. E 'can also order the version without lens (RE-BBC2X / BCC4X) and match any of the DSE MINIATURE CAMERAS MINILENS except RE-250S model.

#### Focus the lens.

It is generally not required focus of the lens that is already adjusted at the factory. If, however, they were to focus on very close objects

it could be need to change the setup of the factory fire.

To do this unscrew the front of the camera

access to the lens, unscrew the screw fixing with a small wrench 0.9 mm. and rotate the lens to obtain the correct focus. Finally Screw cap screw fixing. This operation should be done in a dry atmosphere to prevent moisture remains enclosed in the container and can then give rise to misting up in case of low external temperatures.

#### Power to the camera

On the back of the camera comes out a cable with two connectors: red is the power, the yellow is the video output to be sent to the monitor or video monitor. At the

pin red, need connect a 12VDC power supply with a 5 mm plug. center-positive, as the model DSE REAL2.

The direct current power supply makes it possible to install the cameras without protection (request if the power supply is 220V), as well as to power the camera with a battery in case of blackouts. Attention to use STABILIZED feeders that provide 12V in any load condition. The use of a different supply voltage from 12VDC can generate video disorders and in the worst cases damage the camera. Beware of power supply cables too

long, that could introduce excessive voltage drop.

#### Connect the video

The yellow RCA connector should be connected to the monitor or the video management device. If the distance to be covered is a few meters you can use any kind

cable. But if you go over 10 meters we recommend using the type RG59 coaxial cable that allows the wiring over a hundred meters. Both the RG59 cable to the RCA terminals can be purchased from most electronics stores. DSE offers already prepared cable for wiring video, audio and power of the length of 20 meters (RE-CT1).

#### Audio output

The cameras protected not They have audio microphone, for obvious reasons of protection against ingress of liquids. E ', however, can match an external microphone like RE-CM2 model.

#### Camera attachment

The camera is mounted with the aid of the swivel bracket provided. It is screwed to the camera and is fixed with 3 screws

provided. In case of wall mounting are to be used 3 small dowels.

#### The degree of protection

The camera is enclosed in an IP55 enclosure. This means it is protected against dust to even against jets of water coming from different directions. E 'can install inside or outside, without protection.

#### Main technical data

|                                | RE-BBC2                | RE-BCC4      |
|--------------------------------|------------------------|--------------|
| Camera Type                    | White black PAL        | Color PAL    |
| Type CCD sensor                | Samsung 1/3 "          | Sharp 1/4 "  |
| Number of CCD pixels           | 512 (L) x582 (H)       |              |
| horizontal Resolution          | 380 TV lines           |              |
| minimum illumination           | 0.1 Lux (F1.2)         | 1 Lux (F1.2) |
| Signal to noise ratio          | Over 46 dB             |              |
| Gain Control                   | Yes (AGC)              |              |
| White balance                  | Yes (AWB)              |              |
| Automatic electronic shutter   | 1/50 ... 1 / 100,000s. |              |
| video Output                   | 1Vpp 75 Ohms           |              |
| Supply                         | DC 12V                 |              |
| Absorption maximum 100 mA      |                        | 150 mA       |
| 12VDC Power supply             | Not included           |              |
| Support bracket                | included               |              |
| Attaching the                  | S                      |              |
| Objective supplied as standard | RE-036S                |              |
| Operating temperature          | - 20 ° ... + 50 ° C    |              |
| Degree of protection           | IP55                   |              |
| Dimensions (mm.)               | 70 (L) x23 (Dia.)      |              |
| Weight                         | 65 gr.                 | 140 gr.      |