

DSE

making things clear



BCC7

RE-RE-RE-BCC7Y

BCC8

USER MANUAL

Product Composition

- Camera Cable connection
- power and video output
- Integrated Bracket



RE-BCC7 / BCC7Y



RE-BCC8

The camera

The RE-BCC camera belong to the category of cameras in container protected. I'm cameras very practical because they can be installed even in hostile environments or outdoors without the need of a protective case.

Target

The camera is supplied with a goal 16 mm. not interchangeable.

Focus the lens.

It is generally not required focus of the lens that is already adjusted at the factory.

Power to the camera

On the back of the camera comes out of a cable with BNC connector for video output and a 2-seater terminal for 12VDC power supply (red wire: positive). 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. The power output feeder must

to be higher absorption of the cameras (RE-BCC7: 670 mA and RE-BCC8: 1440 mA) with adequate margin of safety. Recommended RE-AL5 (3A) to

both of them the models. The only RE-BCC7 model is dual voltage is ax also 24VAC power supply.

Connect the video

The female BNC video connector must be connected to the monitor or the video management device. If the distance to be covered is a few meters you can use any type of cable. But if you go over 10 meters we recommend using the type RG59 coaxial cable that allows the wiring over a hundred meters.

Camera attachment

The camera is mounted with the aid of stirrup articulated provided fixing with wall plugs.

The degree of protection

The camera is enclosed in an IP-67 protected housing. This means it is protected against dust,

the jets of water and even short dives. E' can install inside or outside, without protection.

IR Illuminator

There camera integrates a illuminator to infrared to automatic ignition and the day / night function for viewing in the dark.

- RE-BCC7 IR 90 m. RE-BCC8 IR 130 m. The
- RE-BCC7Y camera instead uses

the illumination of LED exclusively for the vision of the plate and does not allow the vision to the surrounding environment dark. And 'the RE-BCC7Y camera can use the same environment for

license plate reading and other standard IR cameras there night vision.

IR Filter Removable

All cameras are equipped with IR filter mechanical removal that allows colors more faithful in conditions of little natural light and greater sensitivity infrared lighting.

Reading license plates

There camera RE-BCC7Y is expressly designed for there reading license plates. The optimal reading is carried out at 10 m. away from the camera for which it is necessary to provide that at this distance the vehicle slows or stops better. The camera reads both the back plate and front, both in daytime or nighttime condition, both with headlights that extinct.

For compensate there brightness of the camera headlights is equipped with two light sensors, one front and one rear. Position the camera so that the rear sensor is not shielded from ambient light. To adjust the brightness in the daytime is possible to act on the rear level adjustment.



Main technical data

Camera Type	Color PAL
Type CCD sensor	1/3 "
Number of pixels in the CCD	795x596
horizontal Resolution	550 TV lines
minimum illumination	0.3 Lux (F1.2) 0 Lux (IR on)
integrated LED	850 nm
Signal to noise ratio	Over 52 dB
Gain Control	Yes (AGC)
White balance	Yes (AWB)
Automatic electronic shutter	1/50 .. 1 / 100,000
video Output	1Vpp 75 Ohms
Supply	12V DC (RE-BCC7 12VDC / 24VAC)
Power consumption	BCC7: 670 mA (520 mA AC) BCC8: 1440 mA
Attaching the	S
Temperature	- 10 ° ... + 45 ° C
Degree of protection	IP67

