



RE-BCC8YH

USER MANUAL

Product Composition

- Camera Cable
- connection
- power and video output
- integrated support bracket Power supply 12V
- 2A



The camera

The RE-BCC8YH camera cameras are part of the category protected container.

I'm cameras very practical because they can be installed even in hostile environments or outdoors without the need of a protective case. The housing is completely sealed and can be exposed to rain. The camera is designed to allow the reading of license plates of vehicles

is It provides shooting monochrome. IS' possible read the plaque in all light conditions and with headlights switched on or off. The vehicle may be stationary or moving at a speed up to 180 Km / h

Target

The camera comes complete with auto iris varifocal lens 10-40mm. not interchangeable.

Power to the camera

from bracket camera protrudes a cable with the BNC connector for video output and a Plug for the 12VDC power supply. To which connect the power supply supplied or equivalent of at least 2A.

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 it to the wall with dowels. Given the sensitivity of the recovery should be put particular care in choosing the location.

The camera should be positioned along the direction of veivolo but in order to resume the plate in a manner not perfectly frontal

(angle ideally between 8 and 35 °). And the reading of the front license plate or rear 'as possible. The camera shall be positioned at a minimum height of 1.5 m. in such a way that the angle between the vehicle and the target at the point of ideal recovery is comprised between 10 and 38 ° C.

The recommended distance for good vision from 5 to 30 meters per second

of the regulation lens. See mounting drawing.

To orient the camera loosen the allen under the articulation.

Removing the protections

To open there protective custody removing the 4 allen screws that secure the cover. Remove the protections placed in the camera protection.

Focus the lens.

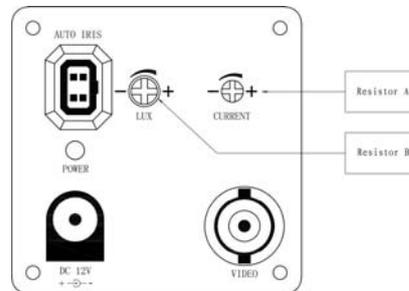
One time had access to camera is necessary to proceed to the adjustment of the focal length and the lens focus. Acting on the lens nuts up to frame in the best way the roadway at the distance at which you want to carry out the reading (between 5 and 30 meters). Once adjusted the

lens fix the camera Be sure to position the

It can forward close to the front glass.

Settings

On the back of the camera are placed 2 trimmer that as a rule there is no need to change, but which may serve to better tailor specific shooting conditions.



CURRENT: Adjust the intensity of infrared light.

LUX: Adjust the IR illuminator activation threshold. Turning to the

- the IR will be activated in a condition of greatest darkness, turning towards the + IR it will be activated under conditions of greater brightness.

Housing lock

Once setting is finished and verified the functionality of the camera in the reading plates must reveal the housing finco tightening the screws. The housing is heated in order to resist any

external. temperature stage

IR Illuminator

There camera integrates a illuminator to infrared to automatic switch that 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 camera 'can be used in the same environment for

there read license plates and other standard IR cameras.

Main technical data

Camera Type	White black
Type CCD sensor	1/3 "
Number of pixels in the CCD	795x596
horizontal Resolution	550 TV lines
integrated LED	850 nm
Signal to noise ratio	Over 50 dB
Gain Control	Yes (AGC)
White balance	Yes (AWB)
Automatic electronic shutter	1/50 .. 1 / 100,000
video Output	1Vpp 75 Ohms
Supply	DC 12V
Power consumption	Max. 1300 mA
Attaching the	CS
Temperature	- 10 ° ... + 45 ° C
Degree of protection	IP67

