

# DSE

making things clear



## RE-BCC2W USER MANUAL

### Product Composition

- ▶ Camera
- ▶ Omnidirectional antenna 220VAC 12VDC power
- ▶ supply mounting bracket
- ▶

### Target

The camera is typically provided with a standard lens consistent with the lighting capacity:

- RE-BCC2W minilente 6 mm. And the version without lens (RE BCC..X' can even order) and match a different goal.

### Supply

On the back of the camera protrudes a

cable 2 connectors:

Power output and additional video-wired. The video output can be recognized by the typical BNC connector bayonet and can be connected with hard-wired to a monitor or other video control device. At the power plug must be connected to the supplied adapter. Be careful to always use power supplies

STEADY that provide 12V in any load condition. The use of a voltage of

power other than 12VDC can generate video noise and in cases

worse damage there

camera.

Beware of power supply cables too

long, that could

introduce excessive voltage drop.

### 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 focus.

To do this unscrew the top of the camera to access the lens, unscrew the fixing screw and rotate the lens to obtain the correct focus. Finally retighten the fixing screw.

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.

### The transmitter

The RE-BCC2W cameras have their

indoor a module

4-channel video transmitter (1-2-3-4 channels of the receivers). You can then use more than 4 cameras at the same site. They have a real flow rate of 100 m in free air which is obviously reduced in the presence of obstacles. The supplied antenna transmits in all directions

and you do not need

orient. They are also available separately

of the antennas

directional that instead offer a higher gain but should be oriented

to the receiver.

The use of a directional antenna can double the rated capacity.

The transmission of these cameras channel

(1,2,3,4)

it is

factory-set and can not be changed

without

to open

the appliance.

The factory is set to channel 1 and you must explicitly request

any

setting a different channel.

### The receiver

The signal sent from the cameras can only be received with a suitable receiver such as model

RE-RX2A.

We must

connect it to a monitor or TV via the RCA cable provided and you'll see the images on the video.

The receiver

will

obviously set on the camera transmission channel (1,2, 3 or 4).

### Camera attachment

The camera is mounted generally at the wall through a fixing bracket provided.

### Installation tips

The video transmission via radio ensures

results similar a

transmission Street cable in

Free Air condition, ie no obstacles between the antennas.

More or less the same video quality is maintained if a few obstacles, such as a partition wall, are placed

close to the receiver.

When designing your system, you should attempt as much as possible in a situation of quasi-free air, because the video quality will be the best possible. Keep in mind the following:

- ▶ The worst obstacles are those close to the camera, those close to the receiver are less influential
- ▶ Avoid metal obstacles that shield radio waves
- ▶ Do not place the cameras in line, ie one after the other because they might tender to overlap.
- ▶ Do not ask a lot of other nearest camera to the receiver.
- ▶ To avoid interference, place antenna and receiver position determined in such a way that there is no movement between the antennas (eg. The passage of people).

