

# DSE

## making things clear



## RE-TB2 / TB2X

## RE-TC2 / TC2X

### USER MANUAL

#### Product Composition

- ▶ Camera
- ▶ Omnidirectional antenna adapter ring (for attachment lenses C) and allen key
- ▶ Adapter 220VAC 12VDC Fixing bracket
- ▶ Objective RE-080F (not supplied on RE -... X versions)

#### Target

The camera must be combined with a goal and probability that you bought with it. If you have



purchased the Full version

target

You find together a RE-080F lens to the camera.

The camera is suitable for CS mount lenses but can also accept to C attack targets using the extension ring provided. And 'necessary that the lens is suitable for 1/3 "CCD.

#### Power to the camera

On the back of the camera there is the connector for power

(POWER). Need connect the supplied adapter.

#### Attach the lens

The goal is screwed on the front of the camera. The extension ring should only be used if you have a C-mount lens and not CS.



To focus may have to move

the ring nut threaded that is fixed a camera. To do that strung the Allen key into the small hole located

side of the ring and smollatela a few turns. Then you can tighten or loosen the nut so remove or approach the target.

#### Video and audio

There Camera is equipped with a radio transmitter that allows sending video / audio extender.

And 'necessary to screw the antenna to the rear connector. Do not rotate on itself, but only the metal ring screwed. The antenna transmits in all directions

and you do not need orient. They are also available instead of the directional antennas that offer a higher gain but should be oriented towards the receiver. On the

the back of the camera is present the jumper there selection of the transmission channel that has 4 positions (channels 1,2,3 or 4). Place it on channel 1 if you have a single camera, if you have several cameras positioned on different channels, it is generally better to put the furthest camera on channel 1. The

flow of the cameras RadioEye is 100 m. in free air. Obviously, the presence of obstacles reduces considerably this performance. The use of a directional antenna can double the rated capacity.

#### 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 and you'll see the images on video. The receiver will go obviously tuned to the channel transmission of the camera (1, 2,3 or 4)

#### Camera attachment

The camera is mounted generally at the wall via a bracket (RE-ST1) which is supplied with the camera. The camera has an attack

in the lower part and one in the upper part for the ceiling mounting. Depending on the type of camera may be required mounting



a block threaded to be screwed to the camera. In the case of mounting the camera within protective housings it is started on the inner rail with the screws provided with the enclosure.

#### Installation tips

The audio transmission / Video Control guarantees results absolutely identical 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 couple of walls, 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 tend 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).

