

DSE

making things clear



RE-TX2

USER MANUAL

What have you bought

RadioEye™ is a closed circuit television system that allows you to see and hear what is happening in an environment without the need to

connection. THE cables transmitters RE-TX2, I'm transmitters that allow integrate regular rows cameras, or any video input in a wireless RadioEye system. And 'Just connect the audio / video output of the camera to the transmitter and can receive images and sounds with any RadioEye receiver. The reception is not possible without have appropriate receiver.

Product Composition

The product includes:

- ▶ Transmitter to connect to a any camera to hard-wired.
- ▶ Power supply 220 VAC / 12 VDC Audio / Video Cable
- ▶ 1.5m. with terminals RCA for the connecting the transmitter to the camera
- ▶ Omnidirectional antenna 3dB possibly replaceable with a

directional pattern to increase the range.

The transmission range

The RE-TX2 transmitters allow free air of about 100 m. The flow value is given in free air, since the presence of obstacles, such as walls or other reduces the flow rate drastically, but in highly variable manner.

And 'possible to use directional antennas in place of standard antennas, to increase to about twice the flow rate of the system.

The transmission channels

The transmitters are equipped with 4 channels of transmission, that is the maximum number of equipment you can install a site. In a site you can not be installed more than one transmitter on the same channel.

Installation and wiring

▶ On the back of the transmitter are present 2 RCA jacks (Audio-Video-White and Yellow) which must be connected to the relevant outputs of the camera via the cable. Some models have a single mini-jack connector and provides a minijack-to-RCA adapter cable. If the camera has BNC connector, very common in the CCTV, you need a RE-BNCRCA1 adapter.

▶ IS' possible connect to the any transmitter entrance analog video, black / white or color.

▶ Screw the antenna to the SMA connector screw

▶ food the transmitter using the 12V DC power supply

▶ Select via jumpers or switches a transmission channel to pleasure that will correspond to the receiving channel on the receiver.

Tips

▶ situate transmitter is receiver in a position as detected possible.

▶ Position the camera so that the imaginary line joining the two antennas there are fewer

obstacles possible. In particular, try to avoid the presence of obstacles very close to the transmitter.

▶ To avoid the interposition of metal barriers (Eg. gates metal, etc.) as highly shielding.

▶ If you use multiple cameras it is necessary to place them at about the same distance from the receiver. A much closer to the other camera may tend to cover the signals from distant cameras.

- ▶ Radio waves are very conditioned give her conditions environmental and it is possible that some positions are better than others. Perform various test before decide where to fix the camera.
- ▶ The audio reception may be subject to radio interference that deplete the quality.

