

DSE

making things clear



RE-RE-YG1

YG2

USER MANUAL

What have you bought

The transmitters and receivers RadioEye® are supplied complete with 3 dB omnidirectional antenna. This antenna has the great advantage of transmitting in all directions and it is possible to arrange for this receivers in every direction around the transmitter. The directional antennas instead transmit only in one direction, but provide for against a much higher gain. This results in a considerable increase in capacity and improved signal stability. E 'can install the antennas on both transmitters on the receivers, but obviously in the latter case it is necessary that all cameras are in the same direction with respect to the receiver. The antenna can be used both outdoors and indoors.

Product Composition

The antennas are composed of:

- ▶ Antenna Fasteners
- ▶ Cable 1 m. with terminal SMA towards the device

mounting

The RE-YG1 / 2 antennas are constituted by a central bar and a number of transverse elements. The central bar is pointed precisely to the other antenna. The transverse elements must be parallel to the ground. The antenna is fixed typically on a vertical pole and can be easily oriented.

Direct the antenna is essential for the proper functioning.

connection

The antenna it goes connected to the transmitter or receiver with a cable to low lost, possibly RG223. And well that this cable is kept as short as possible (ideally 1 m.) As the antenna signal degrades rapidly along the cable. The



connector available on the antenna is of the type N Female. Both antennas are provided of a connection 1 m cable that terminates with a male SMA connector to connect the equipment.

If necessary, you can purchase separate cables ready of greater length RE-CA5 / 6 5 and 10 meters.

Their use is, however, to be limited to where they really indispensable, since a greater length of the cable involves a proportional gain loss.

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