



center in the middle of the LED with an opaque tape.

mounting

The illuminator is supplied in a waterproof case IP67 which can also be exposed to rain without further protections. It is equipped with a tilting bracket which can be fixed to the wall by means of dowels or screwed on the camera itself. The power supply is carried out with a 12VDC power supply with a positive center pin as the RE-type AL2. It must be connected to the male jack. On the female connector it is possible to connect the power supply of the camera.



The position

The best location for the illuminator is placed above the camera or to the left. E', however, can also install it elsewhere as an example to approach critical area to be illuminated. It should be absolutely avoided anyway to turn the illuminator towards the camera because the result would be a dazzling effect.

The size and the weight content allow to fix the illuminator also on the camera or on the container in which is enclosed the camera and this is usually a very effective choice.

What use cameras

The infrared light does not contain the spectrum of colors visible to the human eye, so the illuminators should be used **only with cameras in black and white**. If you tried to use a color camera would not see anything as far as in front of the CCD there is a filter which lets pass only the red green and blue components, which in the case of IR light are not present. If you just can not give up the color vision are called special color camera DAY / NIGHT or DAY & NIGHT (Ref. DSE RE-TCC5) that are suitable for use with the illuminators. Logically night will provide an image in black / white.

**RE-IR10
USER MANUAL**

What have you bought

The infrared illuminators emit a light invisible to the human eye but suitable for allowing

the vision of CCTV cameras.

Thanks to an IR illuminator can to resume dark absolute as it was day.

the technologies

The illuminators to infrared They can be made with two technologies: LED or lamp

Infrared halogen.

The lamps are used for long course of lighting, while for the RE-IR10 illuminator using LEDs, which offer the advantage of low power consumption and long life.

Connections

The illuminators RE-IR10 are powered by 12 VDC, and are supplied as complete cable to connect

the feeder. Not require more electrical connection as it will automatically light up

to the fall darkness. If you want the illuminator is always lit it is necessary to mask the internal sensor that is located on the

Main technical data

Feature	RE-IR10
aliment voltage.	12 V DC +/- 10%
infrared range	10 m.
opening angle	70th
Consumption	450 mA
LED Unit	28 LED
Wavelength	840 nM
Auto Power On	Under 10 Lux CDS control
protection class	IP67
Container	Aluminum
Temperature	- 20 ° ... + 60 ° C
average lamp life	LED
Dimensions (mm.)	D. 49 L.60
Weight	175 g.

Cover Diagrams

