



LEDs turn on automatically when it gets dark.

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 onto a suitably adapted support

The position

The best location for the illuminator is placed above the camera or to the left. E', however, can also install it elsewhere, for example, to bring it closer to the criticism to be illuminated. It should be absolutely avoided to turn the illuminator towards the camera because the result would be a dazzling effect. Remember to test the illuminator in real dark conditions, because in the presence of light, even artificial, is normally off.

The lighting

The illuminator reaches the door of 180 m. under optimal environmental conditions (air transparency and refraction environment). The opening angle of the illuminating beam is 40°, so not suitable for illuminating a wide area near the illuminator. In case it is requested agrees to match a second short-range illuminator

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-IR180

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
LEDs provide longer life and, with the latest
models also provide a considerable illuminating power.

Connections

The illuminators RE-IR180 are powered by 12VDC
with an adequate supply of at least 3A, as the RE-AL5
model (not supplied). Alternatively, it is also possible to
feed them to 24VAC (dual-voltage) Not

I'm required others
electrical connections as the

Main technical data

Feature	RE-IR180
supply voltage	12V DC / 24V AC
infrared range	180 m.
opening angle	40th
Consumption	Max. DC 1200 mA AC 950 mA
lighting Unit	15 Super High Power LED
Wavelength	850 nm
Auto Power On	Under 10 Lux CDS control
protection class	IP67
Container	painted aluminum
Temperature	- 20 ° ... + 60 ° C
Bracket wall / ceiling	including
Dimensions (mm.)	D. 155 p.280
Weight	3 Kg.

