

DSE

make things clear



Thanks to an IR illuminator can shoot in complete darkness as if it were day.

the technologies

The infrared illuminators can be made with two technologies: infrared LED or halogen lamp. THE LED They are used in the RE-IR30D model and RE-IR70, they have the advantage of low power consumption and long service life.

Connections

The illuminators RE-IR30D and RE-IR70 can be supplied indifferently at 12VDC (with power supply to be purchased separately) or 24VAC and are supplied complete with cable and plug for connection to the network. The illuminators require nothing more electrical connection in that turn on automatically when it gets dark. If you wish that the illuminator is always lit it is necessary to mask the sensor with an opaque tape. The sensor is placed between the LEDs on the front.

mounting

The illuminators are supplied in a IP66 watertight enclosure which can also be exposed to rain. The RE-IR30D model has a spherical shape type DOME and is fully adjustable, allowing the ceiling mount and wall. The RE-IR70 is instead equipped with a bracket that is fastened to the wall. The base is articulated and allows the illuminator to orient it in the best way and then fix it in the correct position.

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. Remember to test the illuminator in real dark conditions, because in the presence of light is normally off. Also avoid that neighboring artificial lights (eg. lampposts) preventing its ignition.

RE-RE-IR70 IR30D

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.

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**. And 'possible to use color cameras only if equipped with DAY / NIGHT (DAY & NIGHT function). and provide an image of the night in white / black.

Main technical data

Feature	RE-IR30D	RE-IR70
Technology	LED	LED
alimant voltage.	12VDC or 24VAC	12VDC or 24VAC
alimant frequency.	DC or 50/60 Hz	DC or 50/60 Hz
lighting range	30 m.	70 m.
opening angle	80th	80th
Consumption	290 mA (DC) 270 mA (AC)	750 mA (DC) 630 mA (AC)
Wavelength	850 nM	850 nM
protection class	IP66	IP66
Container	Black anodized aluminum	Black anodized aluminum
Temperature	- 30 ° ... + 40 ° C	- 30 ° ... + 40 ° C
Average life lamp / LED	15,000 hours	15,000 hours
Dimensions (mm.)	D. 94 L.80	D. 100 L. 175
Weight	470 gr.	880 gr.

The scope

The illuminating flow is provided for illustrative purposes only being widely variable according to the features of the camera, lens and environmental conditions. Of particular importance are the sensitivity of the camera and the focal length and the lens aperture that can affect drastically the lighting capacity of the device.

