IK10 VANDAL-PROOF IR ILLUMINATOR

www.infrared-ir.com

S-SG12P-IR IR Illuminator

• Deliver high power infrared light for CCTV & IP camera at night time and improve performance of camera to get clear pictures.
• Manual adjust power and sensitivity of light sensor.
• PoE (Power over Ethernet) powered.
• IK10 & IP66 protection level.

Product Features

IR LAMP   HI-POWER LED   ENERGY SAVING   AUTO D/N CONTROL

• Precise secondary optical technology

The latest LED technology assures outstanding performance of LED with excellent luminous efficiency and more uniform illumination

• Independent innovation of high efficiency power drive schemes

Low failure rate of products is guaranteed because of professional in-house optimized independent circuit technology widely used in our LED illuminators for more than 5 years

• High thermal conductivity aluminum

Excellent thermal management not only reduces excess heat and brightness decay of LED but also ensures efficient, reliable and continuous operation of LED throughout its lifetime as 50,000 hours.

• Manual adjustable photocell and brightness

Easily set the time of Turn-on illuminator to meet any environmental brightness requirement and dim the brightness of illuminator to suitable light effect.

• Vandal resistant

Vandal resistant panel protects against hammer, stone and continuous thumping in a certain range.

• Energy saving technology

All illuminators has energy saving circuit with low electrical power consumption.

• Thinner and lighter design

Our patent owned housing is designed for simple installation and easy operation to reduce construction difficulty.

• Warranty period

2 year warranty

Basic Function

•To improve performance of the weak light camera, thereby enhancing the picture effects at night.
•The function of video analysis at night
•Lower cost of installing and wiring
•Indoor and outdoor use

Viewing picture at night

With IR light   Without IR light

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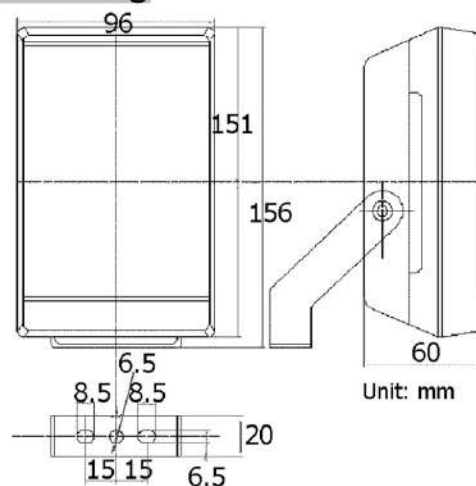
Picture

Technical Specification

LED type: 12 pieces high power IR LED

Wavelength: 740nm/850nm/940nm

Beam angle: 15 to 120°

Beam distance: 150m to 30m (850nm)

Bracket: wall mount bracket

Voltage: PoE IEEE 802.3at

Cable: IP66 RJ45 jack and Cat.5e 50cm

Power: 25W(adjustable)

Day/night switch: automatic/adjustable

Working temperatures: -30°C to 50°C

Protection level: IP66

Color: black

Panel: vandal proof PC panel

Housing: aluminum die-casting housing

N.W.: 0.82KG

G.W.:1.1KG

Packing dimension: 185*155*110mm

Model for Selection

Model	Beam Angle	Distance (850nm)
S-SG12P-15-IR	15°	150m
S-SG12P-30-IR	30°	100m
S-SG12P-45-IR	45°	70m
S-SG12P-60-IR	60°	50m
S-SG12P-90-IR	90°	40m
S-SG12P-120-IR	120°	30m

*IR distance is tested by Sony 1/3 CCD Camera with 0.01LX.

To achieve the distance needed, please pay attention to your camera specification and lens before purchase. It is normal phenomenon that distance may vary due to different cameras and lens.

Adjustable Function

DC12V Version

This side must be downward!

1. Both wires of power and led panel must be downward to avoid water in.

2. Power wire must be grounded and lighting protection measure must be done.

3. Adjust the bolt of brightness, sensor and time slightly, do not be so rude.

4. Install and adjust by professional electrician or quality technician.

5. Do not open the case and remove the power supply.

Product Certificate

CE ✓SCENE FC IK10

Drawing

96

151

156

6.5

8.5 8.5

15 15 6.5

20

60

Unit: mm