

EVA Series IR ILLUMINATOR

S-H24OS-IR-B









www.infrared-ir.com





- S-H24OS-IR-B is a professional IR Illuminator with electric variable angle technology (EVA Tech). It can support high-definition zoom camera control to adjust the beam angle. Also you can use an remote control to set up at ground side. The series solves the matching problem between traditional fixed angle IR Illuminator and zoom camera, achieves uniform and high intensity lighting synchronous linkage.
- It offers high efficiency image in various of applications and save stock costs for customers.
- The series provides waterproof and dustproof grade of IP68 and explosion-proof grade of IK10 to installation under harsh environment.

Professional Design

- Adapted with super brightness infrared LED to provide powerful infrared light at night
- IK10 degree of protection against mechanical impacts
- IP68 waterproof level
- Electric variable angle control via RS485 by zoom camera
- Remote control provides easy set up
- External input for IR ON/OFF
- External output for day/night switch
- Low failure rate is guaranteed by the professional in-house optimized independent circuit technology
- Flexible angle-adjustable bracket fit for various installation site.
- Robust cooling fin design is available to long term working at -50°C to 55°C
- 50,000 hours lifetime of LED
- 5 years warranty

Wide Range of Application

• Recommended for security at ports, railway systems, border, prisons, traffic LPR/ANPR, ITS as well as large public places surveillance.

Basic Function

- •To improve performance of the weak light camera and enhancing the picture effects at night
- Conventional night monitoring
- •The function of video analysis at night
- •Reduce signal noise and other image distortion
- •Reduce the network bandwidth requirements
- Energy saving by power factor correction
- Reduce the equipment cost
- •Lower cost of installing and wiring

Viewing Picture at Night





With IR

Without IR



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Picture



Technical Specification

LED Type 24pcs IR LED

Wavelength 850nm Power Consumption Max. 80W

Beam Angle 10°-40°, 40°-80°

IR Distance 140m-350m, 50m-90m

Beam Shape Round

Auto ON/OFF by light sensor

Manual ON/OFF by remote control

Light Sensor Sensitivity 10/20/50/100% by

remote control

IR Power Adjustment by remote control Beam Angle Adjustment by RS485 PELCO-D,

(other protocols are

available to customize)

or remote control

Input Voltage 24VDC $\pm 10\%$,

24V AC(50/60Hz) ±10%

Operating Environment -40°C to 55°C Working Temperature -40°C to 55°C

Cable Length 1.5meter
Protection Level IK10, IP68

Working Humidity 90% Color Black

Bracket Flexible U bracket

Net Weight 2.6kg Gross Weight 3kg

Dimension 220*160*74mm
Packing Dimension 250*290*170mm

Model for selection

Model Beam angle IR distance S-H24OS-1040-IR-B 10°-40° 350m-140m* S-H24OS-4080-IR-B 40°-80° 90m-50m*

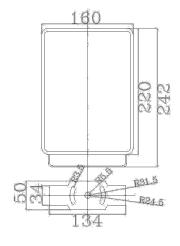
*IR distance is tested by Sony 1/3 CCD Camera. To achieve the distance needed, please pay attention to your camera specification and lens before purchase. It is normal phenomenon that distance may vary due to different cameras and lens

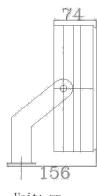
Certificate

ISO9001-2015

CE /FCC/ ROSH /IK10/ IP68

Drawing





Unit: mm