

## IT-SSE6POE-IR

With 6 high power Infrared LEDs for a total power consumption of 11W, beam angle 15° to 120°, beam distance 80m to 12m, the IT-SSE6POE-IR is an IR Illuminator with a high service of life.

- Wavelength 740nm/850nm/940nm.
- 50,000 hours lifetime LEDs.
- Extended working temperature range -30 to 50°C.
- 1-3 years warranty.



### Product Family

The IT-SSE6POE-IR is part of the high-power Consumer POE IR Illuminators series that is the top quality Infrared LED light source solution for night-time illumination, providing high-power infrared light for CCTV and IP cameras to enhance night-time visual performance.

### Product Features

- It's designed to work with network camera via POE (Power Over Ethernet).
- Two stages of constant current circuit avoid LEDs away from instantly impulse impact when started.
- 50% design margin and accurate constant current circuit drive not only develop excellent performance of LED but maintain whole product a super long life of 10 years.
- Low failure rate of products is guaranteed by the professional in-house optimized independent circuit technology.
- Wide edge of silica gel circle and water stop line ensure IP66 waterproof and dustproof level.
- Twice direct cooling heat sink processing enable to increase the cooling coefficient and prolong the service life of the product.
- Patent design hexagonal spherical light sensor more accurately responses ambient brightness and improves accuracy of automatic light control.
- Flexible angle-adjustable bracket can extend the illuminance range widely.
- Robust cooling fin design permits the infrared illuminator to operate from -40°C to 50°C.
- Super energy saving circuit with low electrical power consumption.

### Wide Range of Applications

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

## Qualified Materials

- Super power dot-matrix infrared light LED with strong light effect, long service life and low light decline feature.
- High efficient twice optical lens processing achieves 90% of the luminous efficiency.
- The housing adopts high thermal conductivity aluminum to enhance heat dispersion property.
- Stainless steel bracket and screw ensure low maintenance.

## Basic Functions

- *To improve performance of the weak light camera, thereby 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.*
- *Indoor and outdoor use.*

## Technical Specifications

**LED type:** 6 pieces high power IR LEDs

**Wavelength:** 740nm/850nm/940nm

**Beam angle:** 15° to 120°

**Beam distance:** 80m to 12m

**Bracket:** Wall mount bracket

**Working voltage:** POE IEEE 802.3af

**Power consumption:** 11W

**Day & Night switch:** Automatic

**Working temperatures:** -30 to 50°C

**Protection level:** IP66

**Color:** Beige/Black

**Panel:** Tempered glass panel with IR passing filter

**Housing:** Aluminum die-casting housing

**Net weight:** 1.2 kg

**Gross weight:** 1.5 kg

**Dimensions:** 181\*131\*72mm

**Packing dimensions:** 210\*180\*100mm

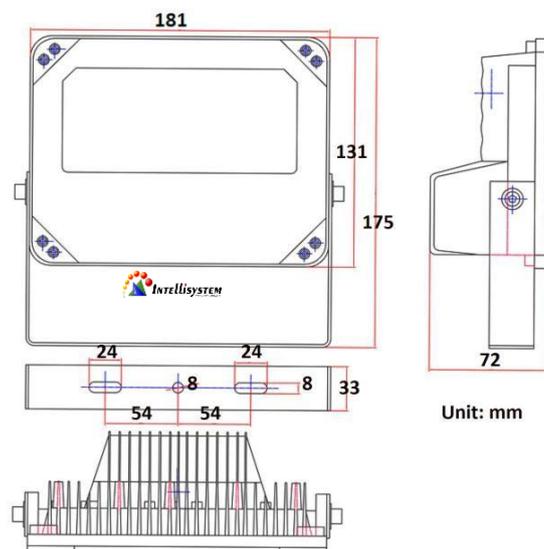
## Models for Selection

Model	Beam angle	Viewing IR distance
IT-SSE6POE-IR-15	15°	80m
IT-SSE6POE-IR-30	30°	60m
IT-SSE6POE-IR-45	45°	40m
IT-SSE6POE-IR-60	60°	22m
IT-SSE6POE-IR-90	90°	16m
IT-SSE6POE-IR-120	120°	12m

*\*Viewing IR distance is tested by Sony 1/3 CCD Camera and 850nm IR LEDs.*

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

## Mechanical Drawings



## Viewing Picture at Night



With IR



Without IR