IT-SS06DPOE-WL

With 6 high power LEDs for a total power consumption of 11W, beam angle 15° to 120°, beam distance 100m to 15m, the IT-SS06DPOE-WL is a White Light Illuminator with a high service of life.

- PoE (Power over Ethernet) IEEE 802.3af powered.
- Luminous flux 900lm.
- Color temperature 3000-3500K/5500-6000K.
- 30,000 hours lifetime LEDs.
- Extended working temperature range -40 to 50°C.
- 1-3 years warranty.

WHITE LIGHT LAMP | HI-POWER LED | ENERGY SAVING | AUTO D/N CONTROL

Product Family

The IT-SS06DPOE-WL is part of the high-power Professional POE White Light Illuminators series that is the quality LED light source solution for night-time illumination, providing high-power light for CCTV and IP cameras to enhance night-time visual performance with colorful images.

Professional Design

- 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.
- 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 white light illuminator to operate at -40℃ to 50℃.
- Super energy saving circuit with low electrical power consumption.

Qualified Materials

- Super power dot-matrix white 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.

Wide Range of Applications

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

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.*

Technical Specifications

LED type: 6 pieces high power white light LEDs
Color temperature: 3000-3500K/5500-6000K
Luminous flux: 900lm
Voltage: PoE IEEE 802.3af
Power consumption: 11W
Day & Night switch: Auto (build in photocell)
Cable: IP66 RJ45 jack and Cat.5e 50cm
Mounting: Wall mounting "U" bracket
Temperature: -40℃ to 50℃
Grade of protection: IP66
Color: Beige
Housing: Aluminium
Panel: High light transmittance toughened glass
Net weight: 1 kg
Gross weight: 1.3 kg
Dimensions: 110*84*90mm
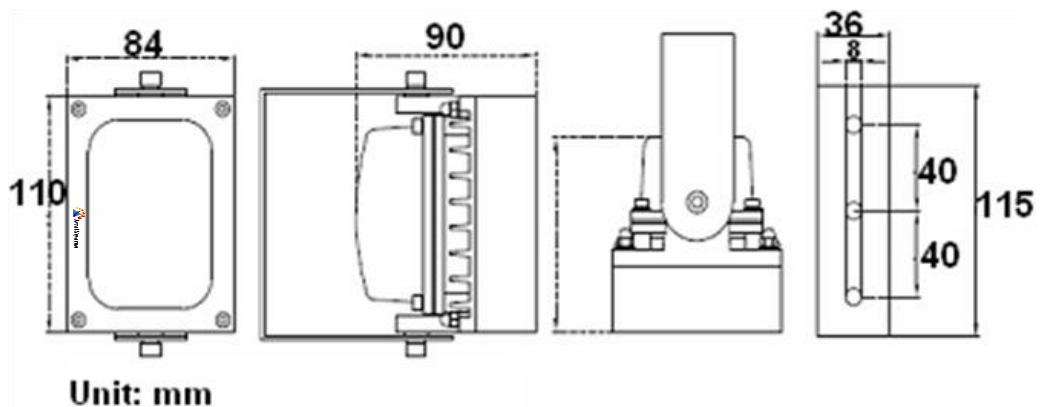**Packing dimensions:** 180*160*135mm

Models for Selection

Model	Beam angle	Viewing distance
IT-SS06DPOE-WL-15-W	15°	100m
IT-SS06DPOE-WL-30-W	30°	80m
IT-SS06DPOE-WL-45-W	45°	60m
IT-SS06DPOE-WL-60-W	60°	40m
IT-SS06DPOE-WL-90-W	90°	25m
IT-SS06DPOE-WL-120-W	120°	15m

Viewing distance is tested by Sony 1/3" CCD Camera with 0.01 LUX.

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

Unit: mm

Viewing Picture at Night

With white light   Without white light