SILVER SD SERIES IR ILLUMINATOR

S-S203D-IR

* Deliver high power infrared light for CCTV & IP camera at night time and improve performance of camera to get clear pictures.
* 30,000 hours lifetime of LED.
* 3 years warranty.

IR LAMP   **HI-POWER LED**   **ENERGY SAVING**   **AUTO ON CONTROL**

Professional Design

* Two stages of constant current circuit avoid LED away from instantly impulse impact when started.
* Low failure rate of products is guaranteed by the professional in-house optimized independent circuit technology, which has been widely used in our LED illuminators for more than 5 years.
* 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 is available the illuminator working at -40℃ to 50℃.
* Super energy saving circuit with low electrical power consumption.

Qualified Material

* Super power dot-matrix IR 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 Application

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

Basic Function

* 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

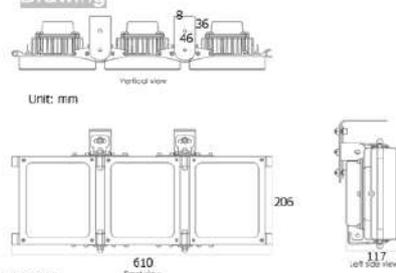## Viewing picture at night

With IR   Without IR

Picture

Product Certificate

CE   RoHS   FC

Technical Specification

LED type	60pcs 2W dot-matrix IR LED
Wavelength	740nm/850nm/940nm
Voltage	AC85-265V/DC12V/AC24V
Power consumption	138W(850nm)
Day and night switch	Auto
Cable length	1.3meter
Mounting	Wall mounting 'U' bracket
Temperature	-40℃ to 50℃
Grade of protection	IP66
Color	Beige
Housing	Aluminum
Panel	High light transmittance toughened glass
Net weight	12kg
Gross weight	13kg
Dimension	610*206*117mm
Packing dimension	720*400*220mm

Drawing

Unit: mm

Vertical view

Front view   Left side view

Model for selection

Model	Beam angle	IR distance(850nm)
S-S203D-15-IR	15° - 45°	400m-240m
S-S203D-30-IR	30° - 90°	300m-180m
S-S203D-45-IR	45° - 150°	180m-110m
S-S203D-60-IR	60° - 180°	110m-90m
S-S203D-90-IR	90° - 200°	100m-80m
S-S203D-120-IR	120° - 230°	90m-65m

*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.