

SZN3105-IR IR Strobe Lamp



Product Overview

SZN3105-IR is designed as the high efficacy strobe light for highway intelligent monitoring recording system and red light auto recording system.

Feature

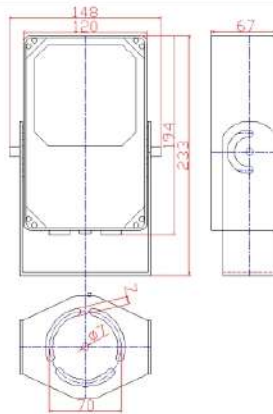
- Adopt high performance IR LED, light efficiency, energy saving and environmental protection
- Auto switch on under low light environment, settable threshold.
- Support video synchronization
- Support brightness adjustable

Technical Specification

Item	Specification
Main Processor	High performance MCU
User Interface	RS485 serial port and I/O port
LED Type	16pcs high brightness IR LED
Environmental Detection	6 levels environmental brightness detection, auto switch on under low light environment
Remote Control	5 classes brightness control on PC, ON/OFF control
Video Fill Light Synchronization	Support
Cascade Function	Support strobe cascade function
RS485 Port	1 port connect to PC, support remote control brightness, threshold of sensor
Response Time	≤45us
Brightness	Support RS485 port adjust
Light Spot Coverage	Effective horizontal spot 4-12m according to model select (installation distance 23m, height 6m)
Working voltage	AC90-265V
Power consumption	<40W
Effective distance	18m~25m
Working temperature	-40~+80℃ (working humidity 10%~95%)
Surge Level	Common mode 4KV, Differential Mode 2KV
Protection level	IP66
Net Weight	2.231kg

Intelligent Traffic Strobe Lamp

Picture & Dimension



Wiring Definition



Base pin	Color of outgoing wire	Signal
1	Brown	Input AC220V L-line
2	Blue	Input AC220V N-line
3	Yellow-Green	Input AC220V PE
4	Red	Strobe trigger input + (switching level)
5	Black	Strobe trigger input - (switching level)
6	Yellow	RS485 A
7	Green	RS485 B
8	Orange	Strobe trigger output + (switching level)
9	White	Strobe trigger output - (switching level)

Matters need attention

1. Except artificial reason and the force majeure, the lamp has 36months warranty, lifetime maintenance with cost price.
2. Using outdoor electronic product safety reasons, the ground wire must be connected to the qualified ground device to protect the products.
3. The product powered with high voltage. It is strictly prohibited to open personally.
4. To avoid water in, the product must install correctly and the power wire must not be tighten.
5. We seek to make the accuracy between product and data, but we can't cover all the application field. Specification and design are subjected to change without notice.