

SG-IR1550-5M

- 500m Distance 1550nm Infrared Laser Illuminator Module



1. Features

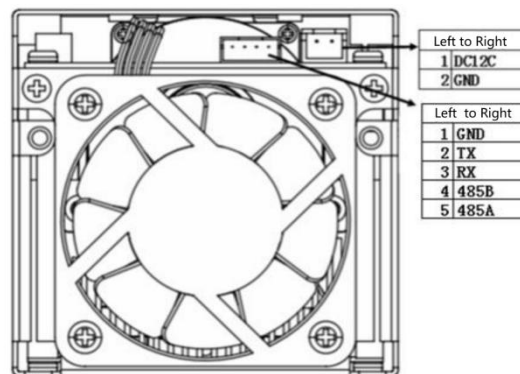
- > Intelligent auto-dimming, Smart match, Hot-swappable.
- > VCSEL Laser.
- > Synchronized zoom with Savgood SWIR camera.
- > Clear picture and spot boundary.

2. Specification

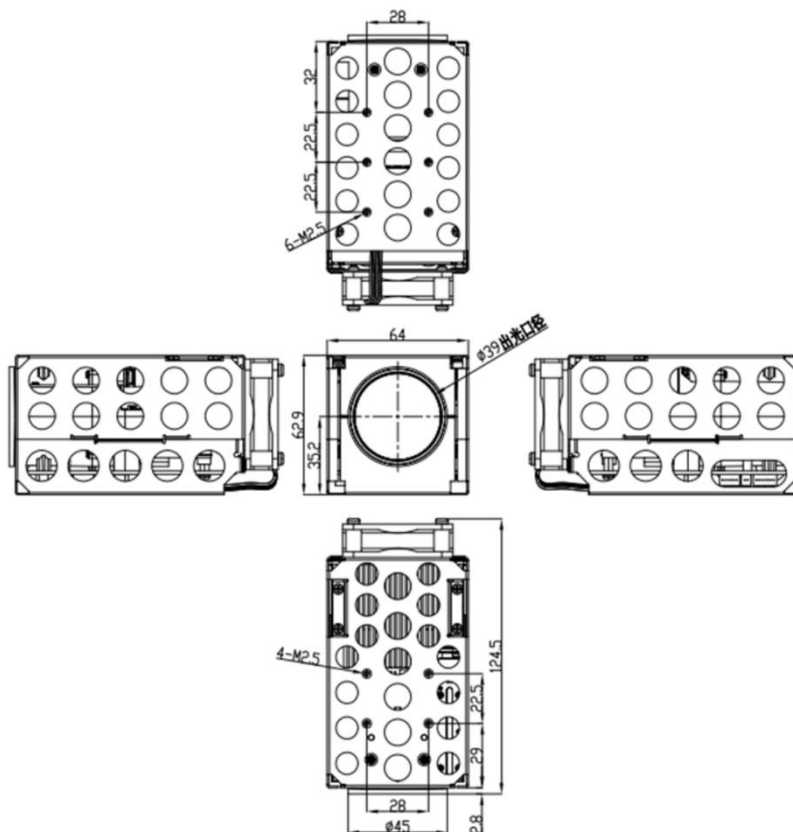
Model	SG-IR1550-5M
Effective Distance	≥500m
Mode	VCSEL
Wavelength	1550nm±15nm
Input Power	≤21W
Laser Chip Power	2.2W±0.2W
Output Light Power	2.0W±0.2W
Lighting Angle	1°~30° (Continuous zoom)
Spot Diameter	Far Angle 1.0°, Effective Distance>500m, Beam Spot Diameter < φ8.7m Near Angle 30°, Effective Distance>80m
Zoom Time	≤4s (Near to Far)
Laser Safety Level	Class 1
Communication Interface	RS-485, TTL232, Manual Control
Communication Protocol	Pelco-D, 9600bps Default (4800bps, 2400bps for optional)
Working Mode	Continues
Service Life	> 30000H
Input Power	DC12V±10%, 1.5±0.2A
Operation Temperature	-20°C~+55°C
Storage Temperature	-20°C~+70°C

Dimension	124.5mm*64mm*63mm
Weight	400g

3. Interface Definition



4. Dimension



Hangzhou Savgood Technology Co., Ltd.

Rm. 1201, Xincheng Fazhan Building #1, No. 406 Xintiandi Street,
Gongshu District, Hangzhou City, 310022, China

Tel: +86 - (571) 8803 8121

Email: sales@savgood.com

<http://www.savgood.com>

<http://www.savgoodtech.com>

*Design and specifications are subject to change without prior notification.

© 2013 Savgood Technology Co., Ltd.