

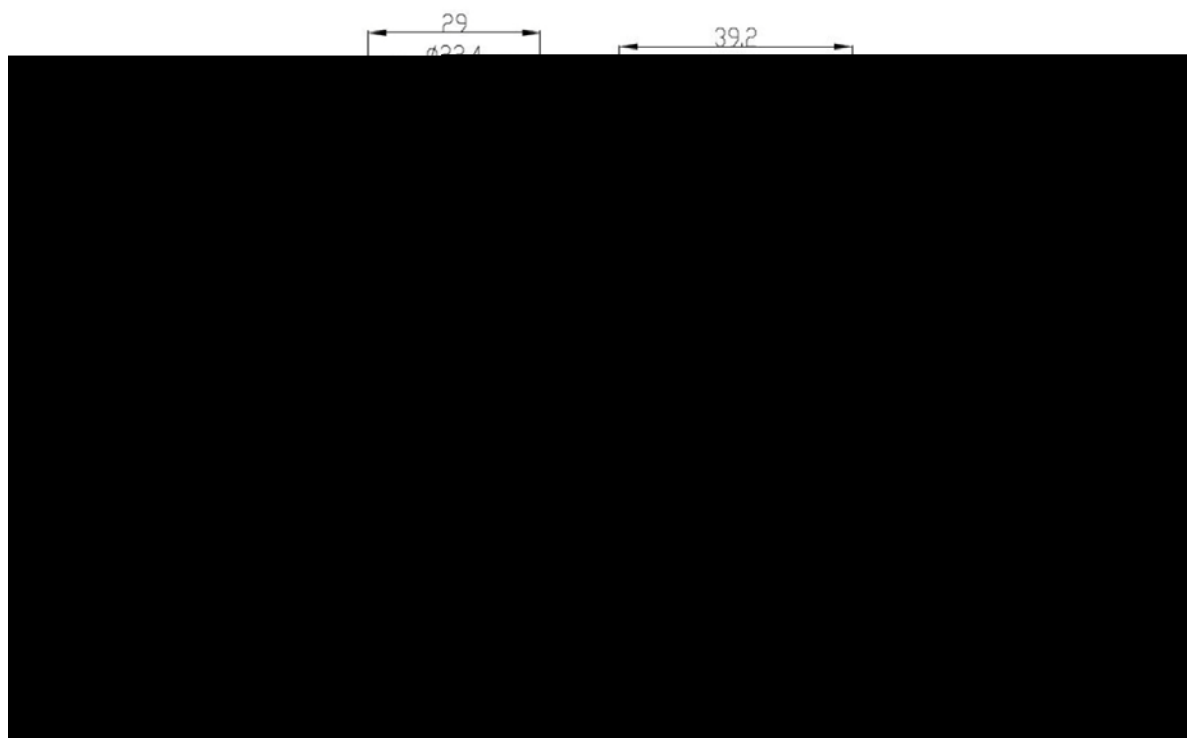
	Product Specification	Version
		V1.0

Product Type Infrared L

Optical and Electrical Parameters

Item	Parameters
Size	L*W*H 54*29*39.2mm
Weight	≈ 50g
Input Voltage	DC 12V±10%
Input Current	00A±0.2A
Initialization Time	<2s
Consumed Power	≤ 11W
Output Optical Power P _o	2.0±0W
Center Laser Wavelength	850±10nm
Angle	2.0° 70°(Continuous zoom)
Spot Diameter	φ17.5m(@2.0°,@ 500m), φ56m(@70°,@ 40m)
Longest Distance	≥ 500m
Communication Interface	RS-485/UART portTTL(Default: 9600bps)
Communication Protocol	Pelco_D
Operating Mode	Continuous Working Mode
Operating Life	20000H
Storage Temperature	-50 ~+100
Operating Temperature	-40 ~+85
Laser Safety Level	Class 3B FDA IEC
Laser Safety Distance	≥ 9m(@2.0° @P _o max)
Environmental Standards	ROHS 2.0

Product Size



unit mm

Pin Definition



Precautions

- 1.This product belongs to Class 3B invisible laser. When the laser light is on, it is strictly forbidden to use the eye to look back or use optical instruments to observe the laser beam.
- 2.Under normal use, it is forbidden to block flammable objects within 50cm in front of the lens to prevent fire.
- 3.During the use of this product, the product should be installed in a position that cannot be directly viewed by the human eye, or have a sufficient distance (>9m) from the position of the human eye. The manufacturer should flexibly select the radiation of the laser according to the monitored scene. Power to prevent damage to the human eye caused by the product.
- 4.When using the products of our company, the manufacturer should put a laser radiation warning label on the outside of the product.
- 5.If the manufacturer finds that the device is faulty during use, please send the product back to our company for repair. Do not disassemble it. After disassembly, no warranty will be made.

Contact Information

Company Name: 3KM Optoelectronics Technology Co., Ltd.