	Product Specification	Version
		V1.0
Product Type	Visible Light Laser Lighting Module	
Product Name	VL-RGB-1 000-MP-01	
Product Number	K10070006	
Product Size	L*W*H=392.5* 153*139mm	

Application Range

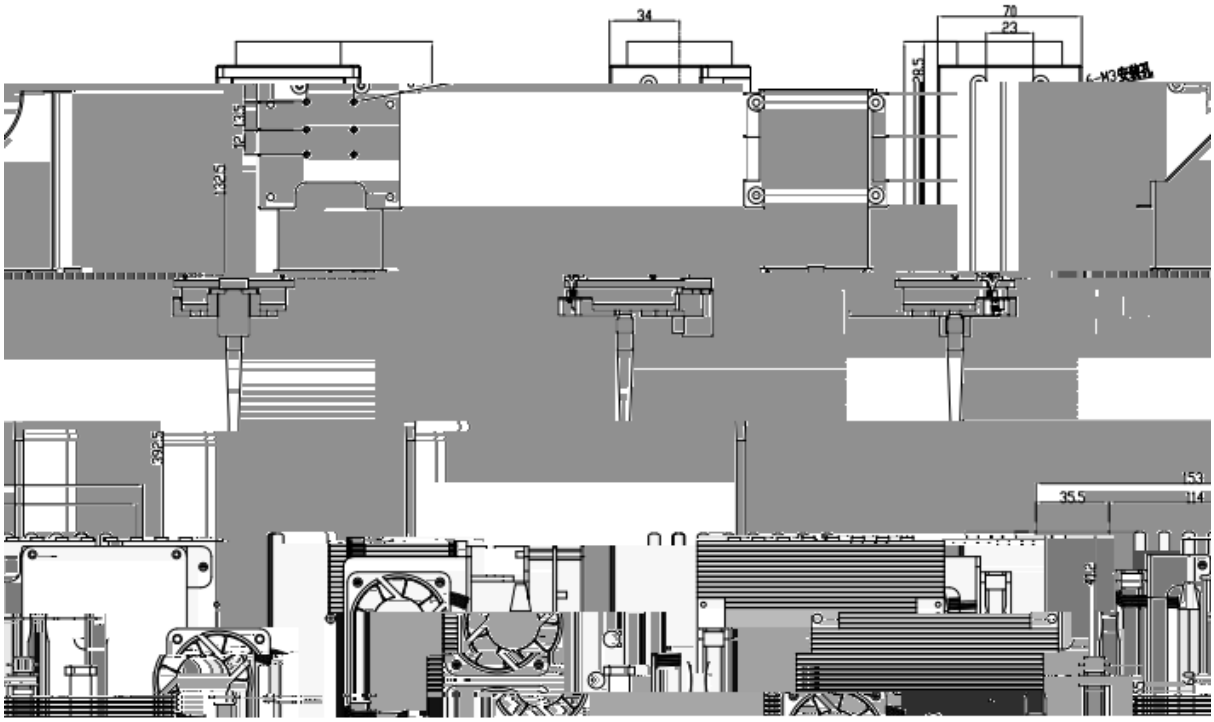
Safe city, large-scale factory, intelligent transportation, on - board system, airport port, oil depot, security department, prison, water conservancy and electric power, energy mining, ecological protection, administrative law enforcement, fishery and sea surveillance, border defense and other night vision monitoring fill light.

Statement reserve the right to update the product to ensure that the latest and best prod ucts are

3KM Optoelectronics Technology Co., Ltd.		File Typeo!Specification
Prepared	Lgl	Sep 29, 2022
Review	Lzhj	Sep30, 2022
Approve	wym	Sep30, 2022

Optical and Electrical Parameters	
Item	Parameters
Size	L*W*Ho!392.5*153*139mm
Weight	H2.5kg
Input Voltage	DC 24V± 10%
Input Current	M3.0A
Initialization Time	< 10s
Consumed Power	M70W
Output Optical Power P_o	N10.0W
Center Laser Wavelength	Ro638nm± 10nm ;G:525nm± 10nm ;B:450nm± 10nm o @25qào
Lighting Angle	0.3°~30°(Continuous zoom)
Spot Diameter	q5.3m(@0.3°,@1000m)
Longest Lighting Distance	N1000m
Communication Interface	RS485/ UARTport TTL(Default: 9600bps)
Communication Protocol	Pelco_D
Operating Mode	Continuous Working Mode
Operating Life	o%2000H
Storage Temperature	-40qà~+70qà
Operating Temperature	-35qà~+55qà
Laser Safety Level	ClassIV(IEC 60825)
Laser Safety Distance	N150m(@0.

Product Size



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Pin Definition

Precautions

1.This product belongs to Class IVinvisible 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 100cm 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 (>110m) 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	
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