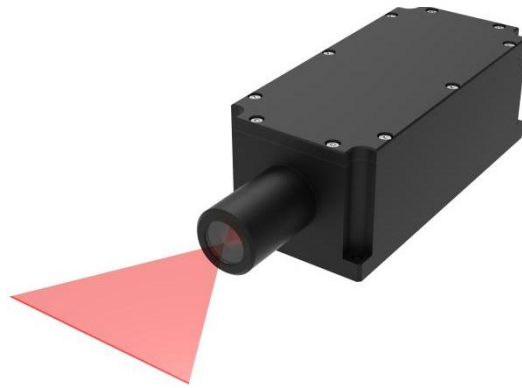




中国长春新产业光电技术有限公司  
Changchun New Industries Optoelectronics Tech. Co., Ltd

## ***PGL-VI-H-L Series Laser***



### ***PGL-VI-H-L Series Laser***

The laser built-in TEC, no additional cooling is required. It is working at AC 100-240V wide voltage supply and made features of uniform power density, high straightness and good stability line beam.

The user can choose from IR, red, green, blue wavelengths depending on the application and material to be inspected.

PGL-VI-HL Series Laser with its industrial adaptive design and stable performance reliability works perfectly in collimation, laser medical treatment, scientific experiment, optical instrument, etc.

### ***FEATURES***

- Photoelectric integration
- IP67 dust and water proof
- Wavelength from 405-1550nm
- Long lifetime
- Easy operating

### ***APPLICATIONS***

- Collimation
- Laser medical treatment
- Scientific experiment
- Optical instrument



## SYSTEM SPECIFICATION\*

Wavelength	nm	405	450	462	520	635	655	808
Wavelength tolerance	nm (typical)	±10	±10	±10	±10	±10	±10	±10
Output power	mW	1-1000	1-2000	1-1000	1-1000	1-800	1-1000	1-2000
Line width	<250mm	40-200μm						
Line width	@1m	<1.0mm						
Line angle		7°, 10°, 15°, 30°, 45°, 50°, 60°, 75°, 90°, 110° <i>customize</i>						
Laser operation mode		CW						
Expected lifetime	hours	10000						
Warranty	years	1						

*Other wavelength between 405-1550nm is optional*

## ELECTRICAL SPECIFICATIONS

Operating voltage(PSU-V-OEM)	AC 100-240V
Operating voltage(PSU-I-OEM)	DC12V or 24V
Modulation optional	TTL 30kHz and Analog 0-5V

## ENVIRONMENTAL CONDITIONS

Operating temperature	°C	- 10°C to 50°C
Storage temperature	°C	-20 °C to 80 °C
Humidity	%	< 90 %, non-condensing

## MECHANICAL SPECIFICATIONS

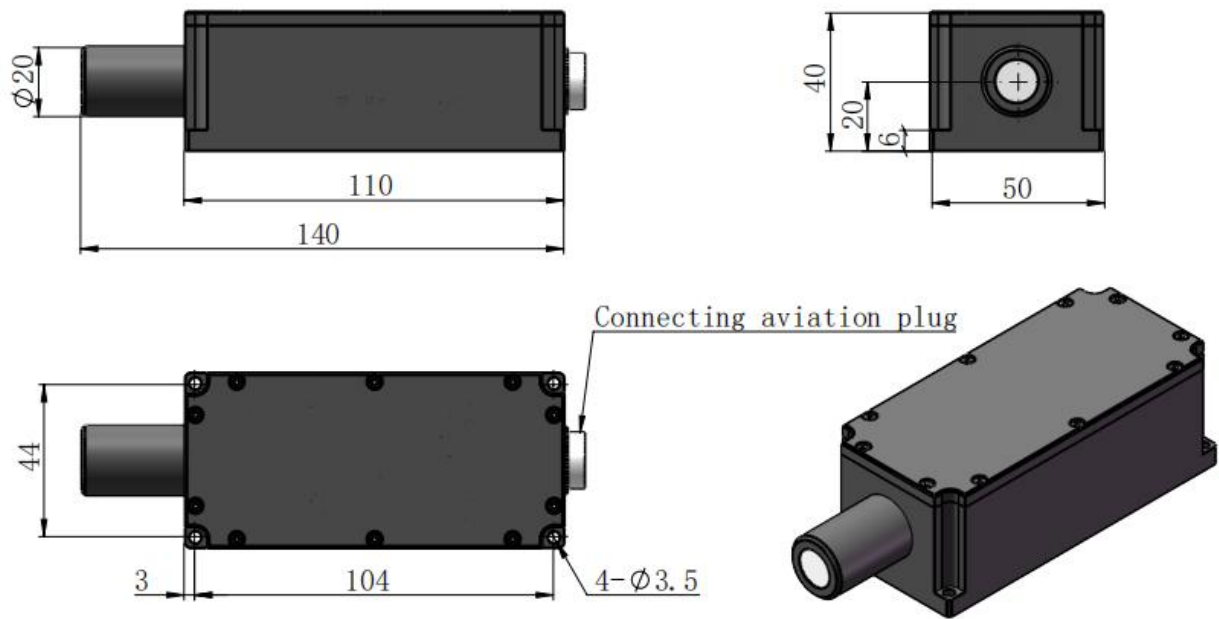
Protection class		IP67,dust and water proof	(fixed focusing distance)
Dimensions	mm	140 × 50 × 40mm <sup>3</sup>	
Material		Aluminum	

\*All testing data under the conditions of temperature 25 ° C.



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Dimensions of laser(PCB integrated & fixed focusing distance) (mm):



Dimensions of laser (PCB integrated & adjustable focusing distance) (mm):

