

PGL-V-H-637/1~700mW

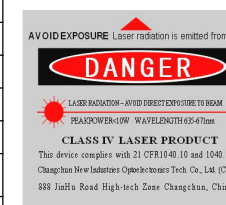
**RED DIODE LASER MODULE
AT 637 nm**

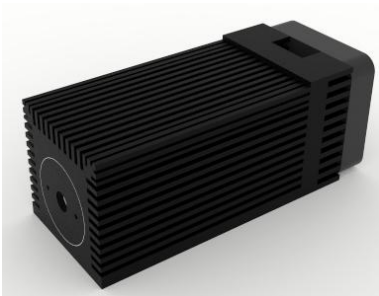
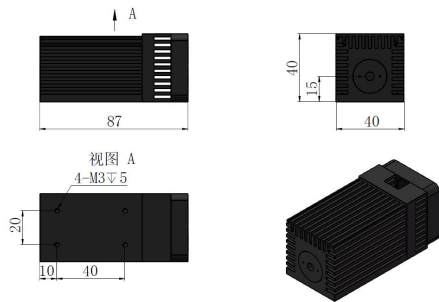
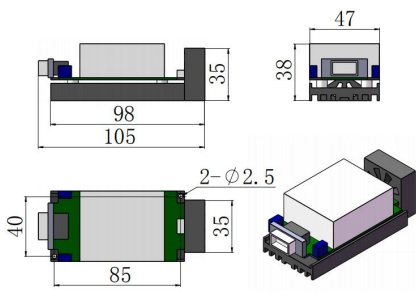
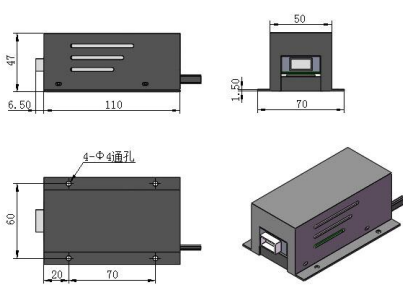
Diode laser module at 637 nm is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in laser pointing, show and light applications.



SPECIFICATIONS

Wavelength (nm)	637±5
Operating mode	CW
Output power (mW)	>1, 50, 100, ... , 700
Power stability (rms, over 4 hours)	<1%, <3%, <5%
Transverse mode	Multimode
Beam diameter at the aperture (1/e ² , mm)	~4.0×6.0
Beam divergence, full angle (mrad)	<4.0
Warm-up time (minutes)	<10
Beam height from base plate (mm)	15
Pointing stability after warm-up (mrad)	<0.05
Operating temperature (°C)	10~35
Power supply	PSU-V-OEM (90-264VAC)
	PSU-I-OEM (5/12VDC)
TTL/Analog modulation	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option
Expected lifetime (hours)	10000
Warranty period	1 year



PGL-V-H-637	Dimensions	PSU-V-OEM	PSU-I-OEM
 <p>87 (L) ×40(W) ×40(H) mm³, 0.2 kg</p>		 <p>105 (L) ×47(W) ×38(H) mm³, 0.2 kg</p>	 <p>110 (L) ×70(W) ×47(H) mm³, 0.3 kg</p>