

MIL-N-1940/1-2000mW

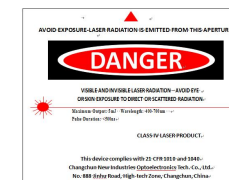
LD PUMPED ALL-SOLID-STATE INFRARED LASER AT 1940nm

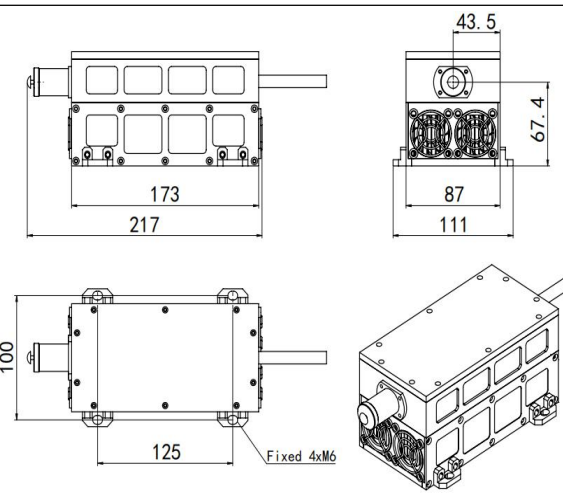
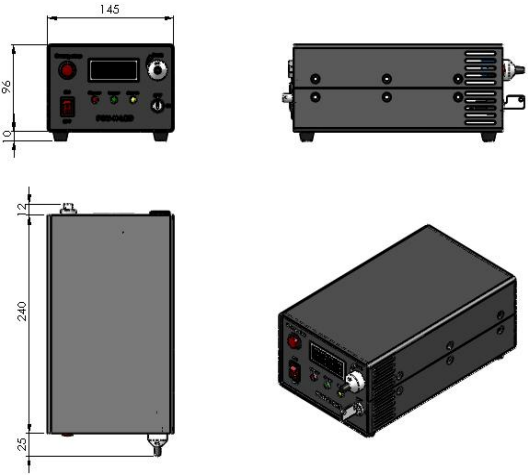
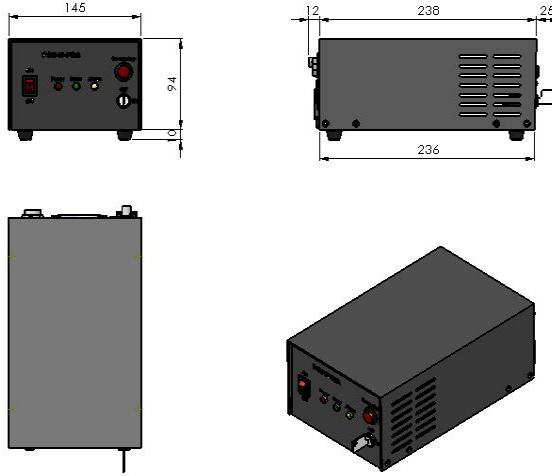
All solid state infrared laser at 1940nm is made features of ultra compact, long lifetime and easy operating, which is used in Ho:YAG laser pumping, medical, scientific research, etc.



SPECIFICATIONS

Wavelength (nm)	1940 ± 2
Operating mode	CW
Output power (mW) ¹	1-2000
Power stability (rms, 4 hours ± 3°C)	< 2%, < 1%
Transverse mode	Near TEM ₀₀
Polarization ratio	> 50:1 Vertical
Beam divergence, full angle (mrad)	< 2
Beam diameter at the aperture (1/e ² , mm)	< 2
Beam height from base plate (mm)	67.4
Warm-up time (minutes)	< 10
Cooled method	Air Cooled
Operating temperature (°C)	15-30
Power supply (100-240VAC)	PSU-H-LED or PSU-H-FDA
Expected lifetime (hours)	> 10000



LASER HEAD	POWER SUPPLY (PSU-H-LED)	POWER SUPPLY (PSU-H-FDA)
 217(L) × 111(W) × 92(H) mm³, 4.5 kg	 277 (L) × 145(W) × 106 (H) mm³, 2.6 kg	 275 (L) × 146(W) × 104 (H) mm³, 2.4 kg

¹ Any power level can be selected in this range.