

MIL-SU-914/800~1700mW

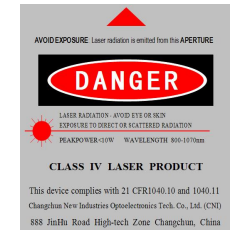
LD PUMPED ALL-SOLID-STATE INFRA-RED LASER AT 914nm

All solid state infrared laser at 914nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in scientific experiment, optical instrument, optical sensor, measurement, communication, spectrum analysis, etc.

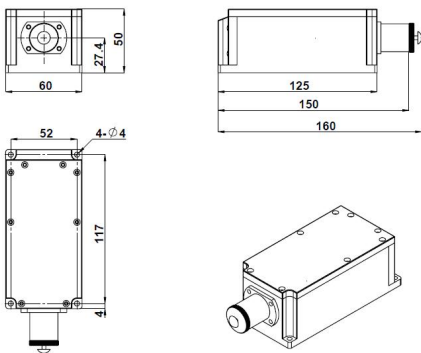
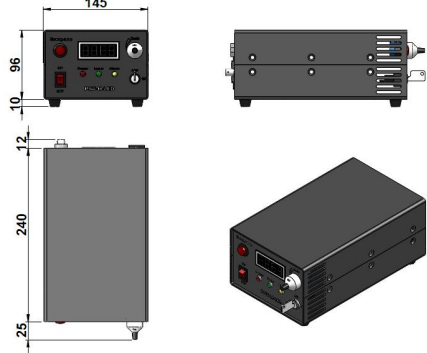
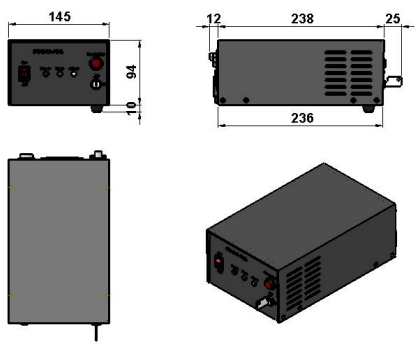


SPECIFICATIONS

Wavelength (nm)	914±1
Output power (mW)	>800,1000,.....1700
Power stability (rms, over 4 hours)	<2%, <3%, <5%
Transverse mode	Near TEM ₀₀
Operating mode	CW
Warm-up time (minutes)	<10
M ² factor	<2. 0
Beam divergence, full angle (mrad)	<2. 0
Beam diameter at the aperture (mm)	~3. 0
Polarization ratio	>100:1 Horizontal±5 degree (Vertical Optional)
Beam height from base plate (mm)	27.4
Pointing stability after warm-up (mrad)	<0.05
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-H-LED /PSU-H-FDA
Expected lifetime (hours)	10000
Warranty period	1 year



Note: The laser head needs to be used on a heat sink with good heat dissipation.

MIL-SU-914	PSU-H-LED	PSU-H-FDA
 <p>160(L)×60(W) ×50(H) mm³,0.9kg</p>	 <p>277 (L) ×145(W) ×106 (H) mm³, 2.6 kg</p>	 <p>275(L) ×145(W) ×104(H) mm³, 2.3 kg</p>