

MIL-F-1910/1~600mW

**LD PUMPED ALL-SOLID-STATE INFRARED LASER AT 1910nm**

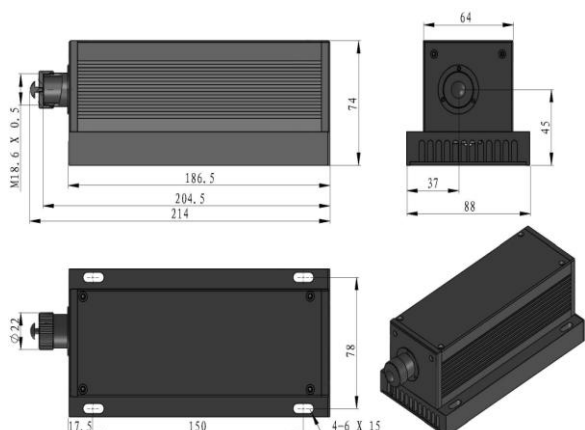
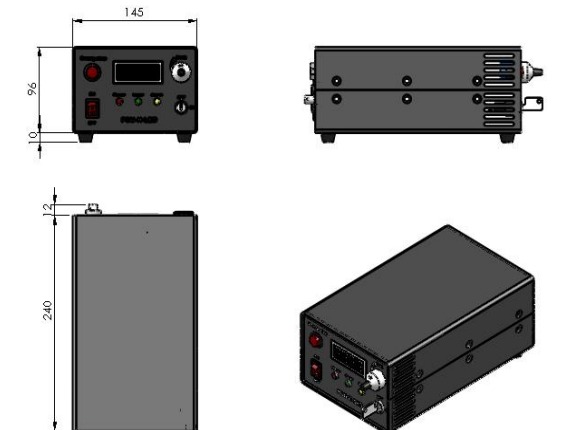
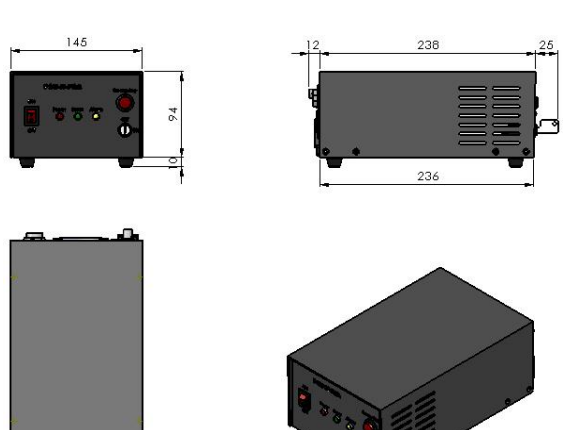
All solid state infrared laser at 1910nm is made features of ultra compact, long lifetime and easy operating, which is used in Ho:YAG laser pumping, medical, scientific research, etc.



SPECIFICATIONS

Wavelength (nm)	1910±1	
Operating mode	CW	
Output power (mW)	>10, 50, 100, ... , 600	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Transverse mode	Near TEM <sub>00</sub>	
Polarizaion ratio	~500:1	
M <sup>2</sup> factor	<4	
Beam divergence, full angle (mrad)	<8	
Beam diameter at the aperture (1/e <sup>2</sup> ,mm)	<4	
Beam height from base plate (mm)	45	
Warm-up time (minutes)	<10	
Operating temperature (°C)	15~30	
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA
Expected lifetime (hours)	10000	
Warranty period	1 year	



MIL-F-1910	PSU-H-LED	PSU-H-FDA
 <p>214(L)×88(W)×74(H) mm<sup>3</sup>, 1.6 kg</p>	 <p>277 (L) ×145(W) ×106 (H) mm<sup>3</sup>, 2.6 kg</p>	 <p>275 (L) ×146(W) ×104 (H) mm<sup>3</sup>, 2.4 kg</p>