

MIL-N-1910/1~600mW

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

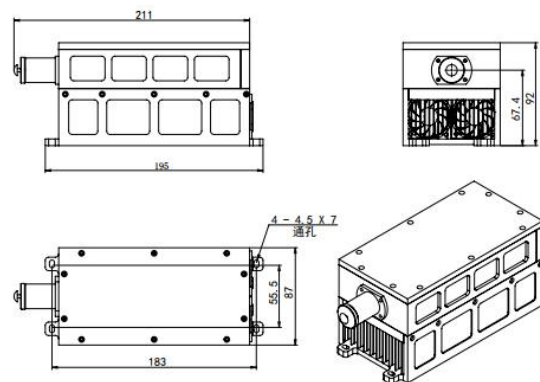
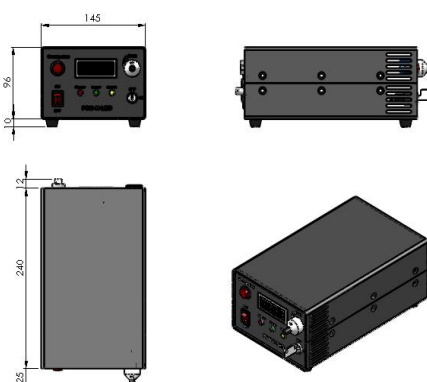
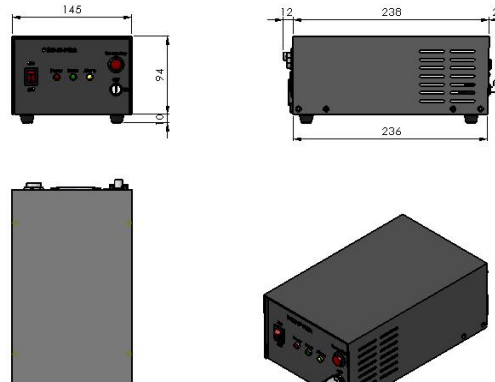
All solid state infrared laser at 1910nm is made features of ultra compact, long lifetime and easy operating, which is used in Ho:YAG laser pumping, medical, scientific research, etc.



SPECIFICATIONS

| | | |
|--|-------------------------|-----------|
| Wavelength (nm) | 1910±4 | |
| Operating mode | CW | |
| Output power (mW) | >10, 50, 100, ... , 600 | |
| Power stability (rms, over 4 hours) | <0.5%, <1%, <2% | |
| Transverse mode | Near TEM ₀₀ | |
| Polarizaion ratio | >100:1 | |
| Beam divergence, full angle (mrad) | <7 | |
| Beam diameter at the aperture (1/e ² ,mm) | <5 | |
| Beam height from base plate (mm) | 67.4 | |
| 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-N-1910 | PSU-H-LED | PSU-H-FDA |
|--|--|---|
|  <p>211(L)×87(W)×92(H) mm³, 4.5kg</p> |  <p>277 (L)×145(W)×106 (H) mm³, 2.6 kg</p> |  <p>275 (L)×146(W)×104 (H) mm³, 2.4 kg</p> |