

OEM-IR-2096/1-20W

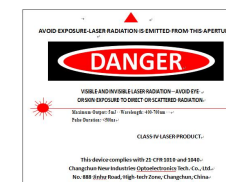
**LD PUMPED ALL-SOLID-STATE
INFRARED LASER AT 2096nm**

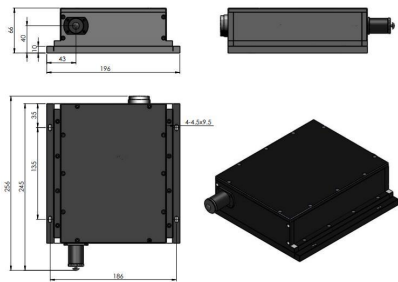
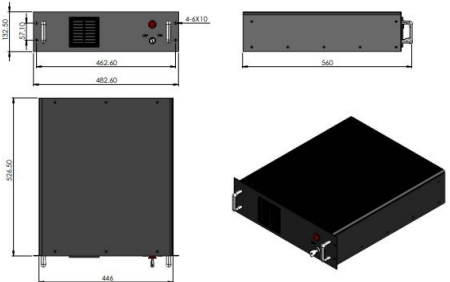
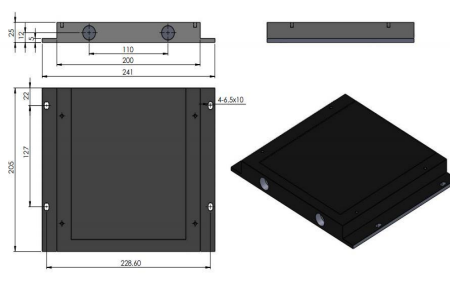
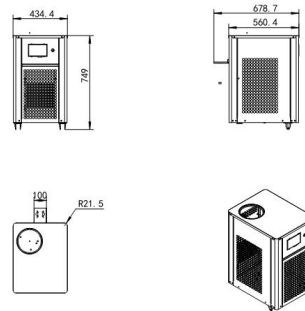
All solid state 2096nm infrared laser is made features of high power ,good beam quality and easy operating, which is widely used in material processing especially for plastics, and for pumping of laser sources for the mid infrared region, medical procedures such as precise tissue ablation, ophthalmic surgery or dentistry, suppresses the bleeding during operations, etc.



SPECIFICATIONS

| | |
|--|--------------|
| Wavelength (nm) | 2096±5 |
| Operating mode | CW |
| Output power (W) ¹ | 1-20 |
| Beam divergence, full angle (mrad) | <3 |
| Beam diameter at the aperture (1/e ² ,mm) | <3 |
| Power stability (rms, 4 hours±3°C) | <5%, <3% |
| Beam height from base plate (mm) | 26.4 |
| Warm-up time (minutes) | <10 |
| Cooled method | Water cooled |
| Operating temperature (°C) | 10-30 |
| Power supply | PSU-MIR (3U) |
| Expected lifetime (hours) | >10000 |



| LASER HEAD | POWER SUPPLY | WATER COOLED PLATE (optional) | WATER CHILLER |
|--|---|---|--|
|  <p>256(L)×196(W) ×66(H) mm³, 3kg</p> |  <p>560 (L) ×482(W) ×133 (H) mm³, 22 kg</p> |  <p>205 (L)×241(W) ×25(H) mm³, 1.5kg</p> |  <p>434 (L)×678(W)×749(H) mm³, 75kg</p> |

1 Any power level can be selected in this range.