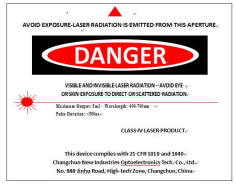
OEM-IR-2120/1-10W

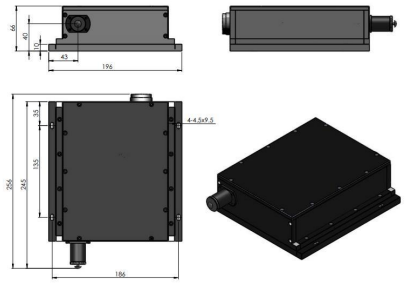
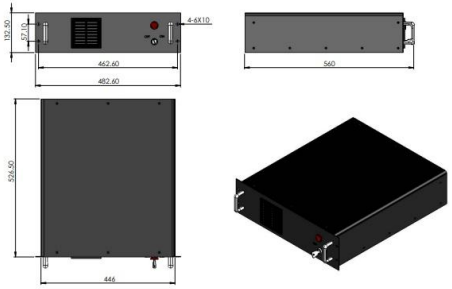
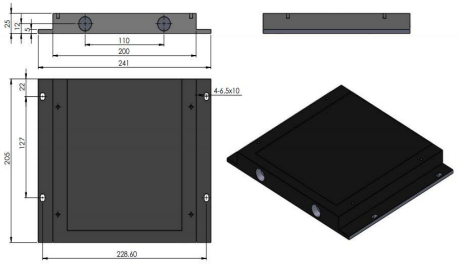
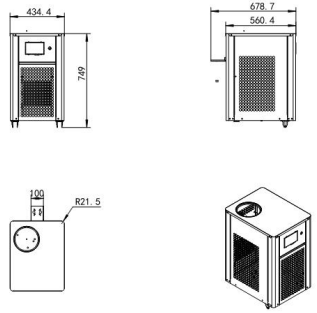
LD PUMPED ALL-SOLID-STATE INFRARED LASER AT 2120nm

All solid state 2120nm 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)	2120±2
Operating mode	CW
Output power (W)[1]	1-10
Beam divergence, full angle (mrad)	<3
Beam diameter at the aperture (1/e^2,mm)	<4
Power stability (rms, 4 hours±3℃)	<5%, <3%
Beam height from base plate (mm)	26.4
Warm-up time (minutes)	<10
Cooled method	Water cooled
Operating temperature (℃)	10-30
Power supply	PSU-MIR (3U)
Expected lifetime (hours)	>10000



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

1 Any power level can be selected in this range.