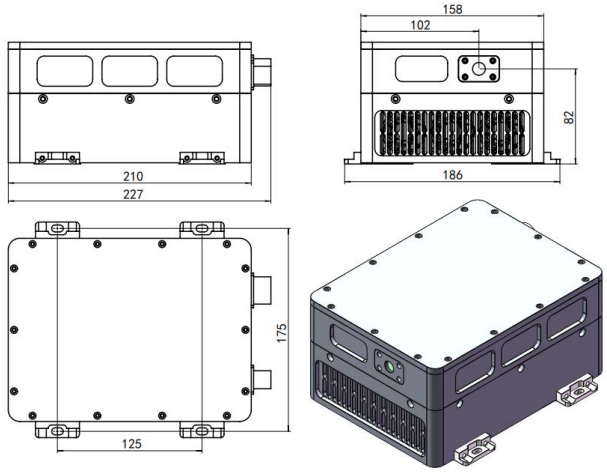
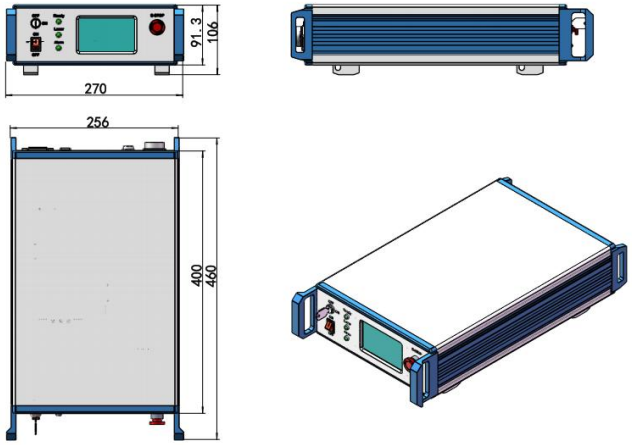
MIL-V-3700/1-250mW

LD PUMPED ALL-SOLID-STATE Infrared LASER AT 3700nm

The series of laser provide a CW output power of about max 250mW. The customer can order any wavelength range in the list. It is widely used in remote sensing, communication, spectrum analysis, etc.

SPECIFICATIONS

Wavelength (nm)	3700±5
Operating mode	CW
Output power (mW)[1]	1-250
Power stability (rms, 4 hours±3℃)	<3%, <2%
Beam divergence, full angle (mrad)	<5
Beam diameter at the aperture ($1/e^2$,mm)	<6
Beam height from base plate (mm)	82
Warm-up time (minutes)	<10
Cooled method	Air Cooled
Operating temperature (℃)	15-35
Power supply (100-240VAC)	RAD1PS
Expected lifetime (hours)	>10000

LASER HEAD	POWER SUPPLY
	
229(L)×186(W) ×105(H) mm³,5.5kg	**460 (L) ×270(W) ×106(H) mm³, 7 kg**

1 Any power level can be selected in this range.