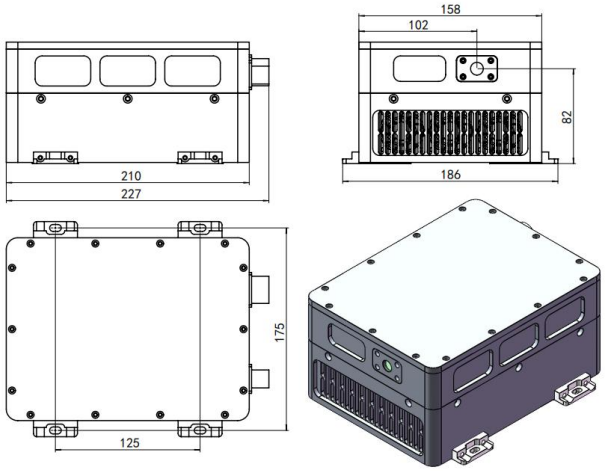
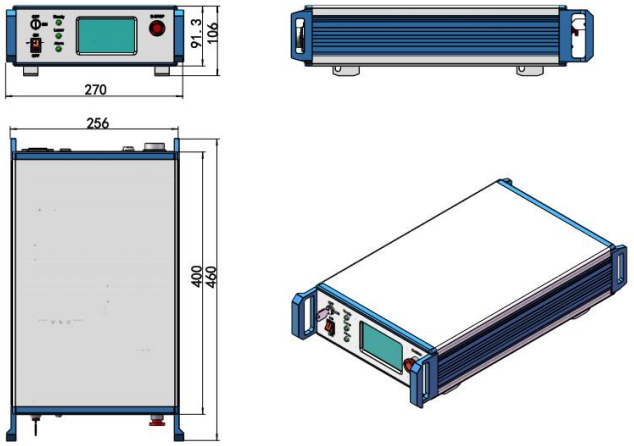
TUN-V-2916-3918/1-400mW

LD PUMPED ALL-SOLID-STATE Infrared LASER AT 2916-3918nm

The series of laser provide a CWoutput power of about max 400mW and has a wide tuning range. The customer can order any wavelength range in the list. It is widely used in remote sensing, communication, spectrum analysis, etc.

SPECIFICATIONS

Wavelength (nm)	2916-2992	3000-3200	3393-3575	3619-3784	3815-3918
Wavelength deviation (nm)	±5				
Operating mode	CW				
Output power (mW)[1]	1-400	1-200	1-300	1-100	1-100
Power stability (rms, 4 hours±3℃)	<5%, <3%				
Beam divergence, full angle (mrad)	<5	<5	<5	<5	<8
Beam diameter at the aperture (1/e^2,mm)	<6	<6	<7	<7	<8
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) mm^3,5.5kg	460 (L) ×270(W) ×106(H) mm^3, 7 kg

1 Any power level can be selected in this range.