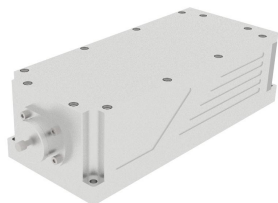


RGB-xx



RGB-xx Laser System

RGB-xx series laser system can combine 2 wavelengths into a system and output in free space. It can control the laser output either separately, or open multiple lasers at the same time.



SPECIFICATIONS

Wavelength combination (nm)	488/633	488/640	488/665
Wavelength (nm)	±5/±5	±5/±5	±5/±5
Operating mode	CW		
Output power (mW)	20/20	20/20	20/20
Power stability (rms, over 4 hours)	<3%, <2%, <1%		
Transverse mode	TEM ₀₀		
Noise of amplitude (rms, 20Hz~20MHz)	<1%		
Beam diameter at the aperture (mm)	<2.0		
Beam divergence, full angle (mrad)	<1.0		
Ellipticity	>0.90		
M ² factor	~1.1		
Warm-up time (minutes)	<5		
Beam height from base plate (mm)	27.4		
Operating temperature (°C)	10~35		
Power supply (100-240VAC)	RGB-31		
Modulation optional	TTL on/off, 1Hz-1kHz, 1kHz-10kHz, 10kHz-30kHz; and Analog modulation optional		
Expected lifetime (hours)	10000		
Warranty	1 year		



SPECIFICATIONS

Wavelength combination (nm)	505/633	505/640	505/665
Wavelength (nm)	±5/±5	±5/±5	±5/±5
Operating mode	CW		
Output power (mW)	15/15	15/15	15/15
Power stability (rms, over 4 hours)	<3%, <2%, <1%		
Transverse mode	TEM ₀₀		
Noise of amplitude (rms, 20Hz~20MHz)	<1%		
Beam diameter at the aperture (mm)	<2.0		
Beam divergence, full angle (mrad)	<1.0		
Ellipticity	>0.90		
M ² factor	~1.1		
Warm-up time (minutes)	<5		
Beam height from base plate (mm)	27.4		
Operating temperature (°C)	10~35		
Power supply (100-240VAC)	RGB-31		
Modulation optional	TTL on/off, 1Hz-1kHz, 1kHz-10kHz, 10kHz-30kHz; and Analog modulation optional		
Expected lifetime (hours)	10000		
Warranty	1 year		

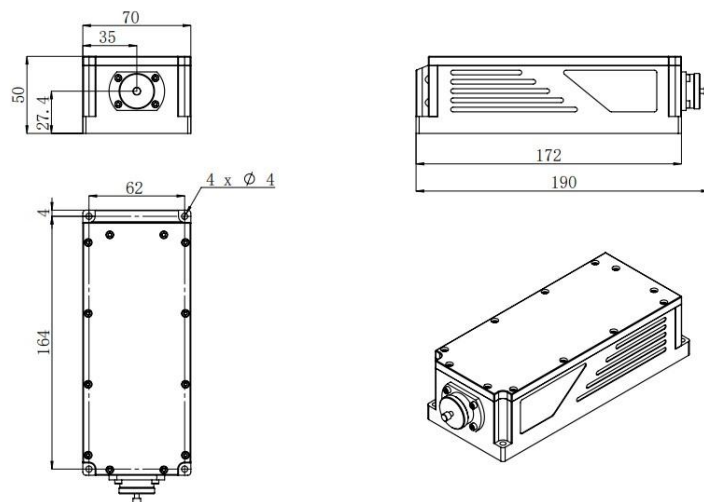


SPECIFICATIONS

Wavelength combination (nm)	520/633	520/640	520/665
Wavelength (nm)	±10/±5	±10/±5	±10/±5
Operating mode	CW		
Output power (mW)	15/15	15/15	15/15
Power stability (rms, over 4 hours)	<3%, <2%, <1%		
Transverse mode	TEM ₀₀		
Noise of amplitude (rms, 20Hz~20MHz)	<1%		
Beam diameter at the aperture (mm)	<2.0		
Beam divergence, full angle (mrad)	<1.0		
Ellipticity	>0.90		
M ² factor	~1.1		
Warm-up time (minutes)	<5		
Beam height from base plate (mm)	27.4		
Operating temperature (°C)	10~35		
Power supply (100-240VAC)	RGB-31		
Modulation optional	TTL on/off, 1Hz-1kHz, 1kHz-10kHz, 10kHz-30kHz; and Analog modulation optional		
Expected lifetime (hours)	10000		
Warranty	1 year		

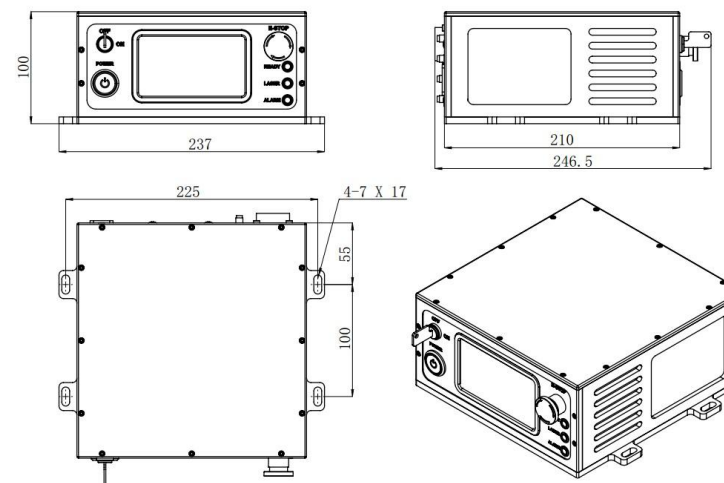
Remark: Please consult CNI for customized configurations and modifications available.

RGB-xx



190(L)×70(W)×50(H) mm³, 1.0kg

RGB-31



246.5 (L) ×237(W) ×100 (H) mm³, 3.0kg