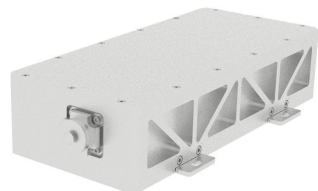


RGB-xx



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)	488/532	488/561	488/577	488/589	488/671
Wavelength (nm)	±5/±1	±5/±1	±5/±2	±5/±1	±5/±1
Operating mode	CW				
Output power (mW)	20/20	20/20	20/20	20/20	20/20
Power stability (rms, over 4 hours)	<3%, <2%, <1%	<3%, <2%, <1%	<3%, <2%, <1%	<3%, <2%, <1%	<5%, <3%, <2%
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)	40				
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				

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SPECIFICATIONS

Wavelength combination (nm)	532/633	532/640	561/640	577/633	577/640
Wavelength (nm)	±1/±5	±1/±5	±1/±5	±2/±5	±2/±5
Operating mode	CW				
Output power after fiber (mW)	20/20	20/20	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)	40				
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				



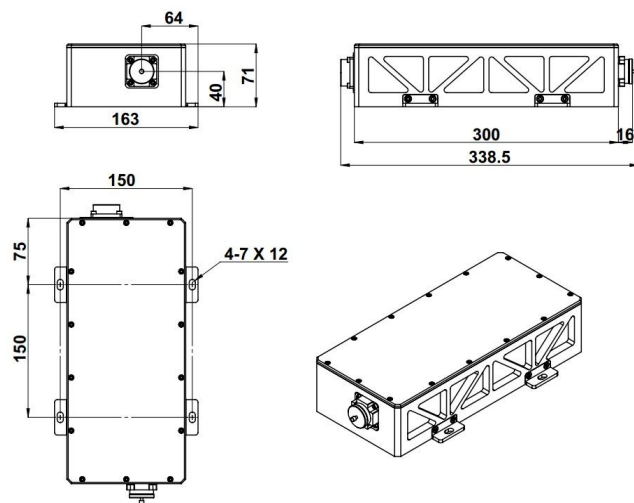
SPECIFICATIONS

Wavelength combination (nm)	589/633	589/640
Wavelength (nm)	±1/±5	±1/±5
Operating mode	CW	
Output power after fiber (mW)	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)	40	
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.

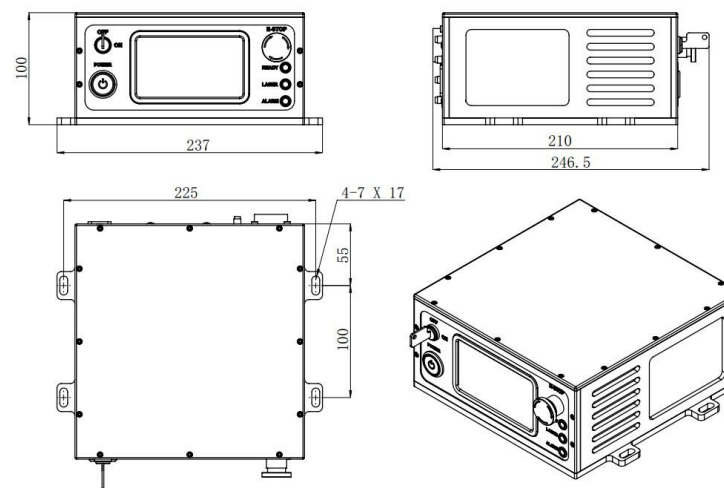
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RGB-xx



338.5(L)×163(W)×71(H) mm³, 5.0kg

RGB-31



246.5 (L) ×237(W) ×100 (H) mm³, 5.0kg