

RGB-xxx



RGB-xxx Laser System

RGB-xxx series laser system can combine 3 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.

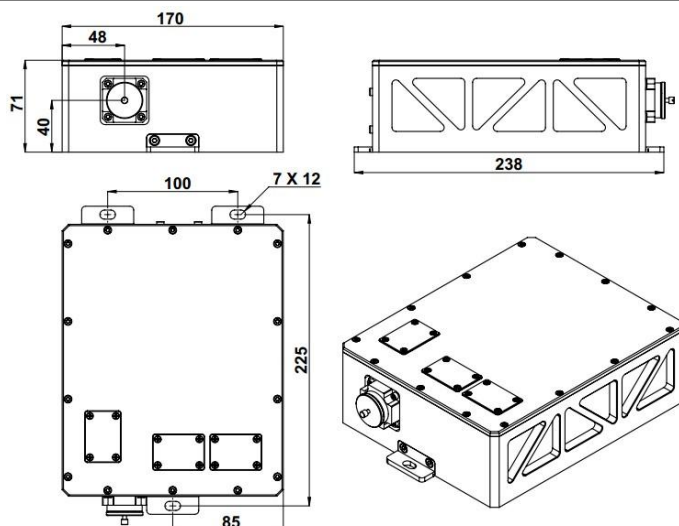


SPECIFICATIONS

Wavelength combination (nm)	450/488/520	488/520/640	532/640/730
Wavelength (nm)	±5/±5/±5	±5/±5/±5	±1/±5/±5
Operating mode	CW		
Output power (mW)	50/50/50	50/50/50	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)	~1.0		
Beam divergence, full angle (mrad)	<1.5		
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		

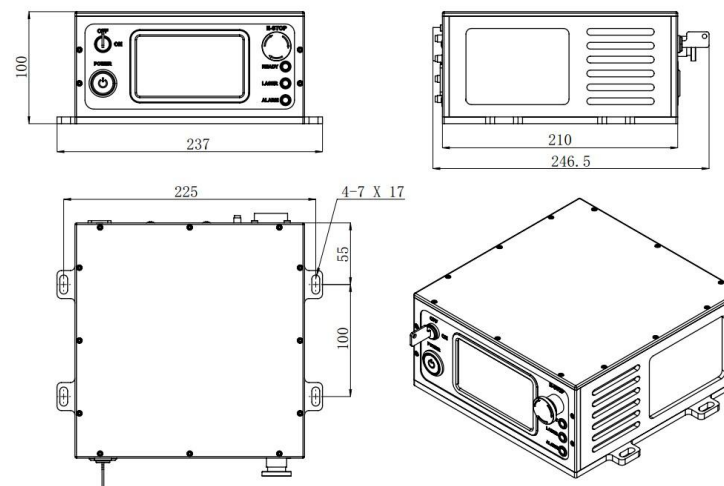
Remark: Please consult CNI for customized configurations and modifications available.

RGB-xxx



238 (L) × 170 (W) × 71 (H) mm³

RGB-31



246.5 (L) × 237 (W) × 100 (H) mm³