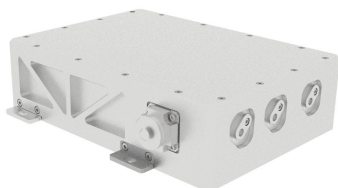


RGB-xxx



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.

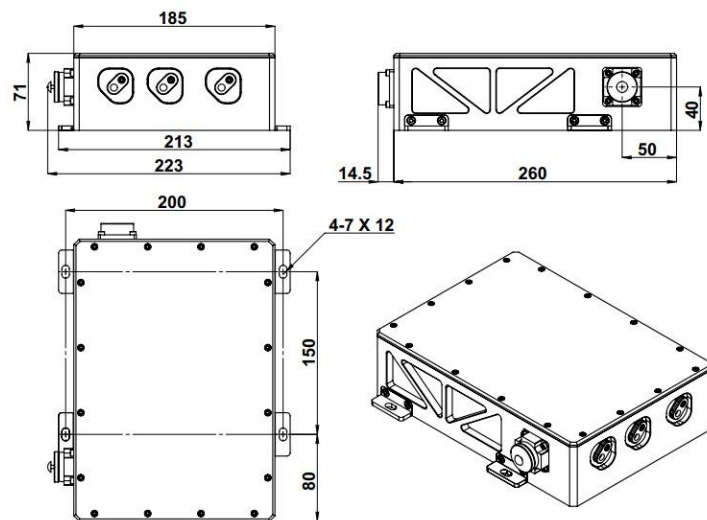


SPECIFICATIONS

Wavelength combination (nm)	488/640/721
Wavelength (nm)	±5/±5/±1
Operating mode	CW
Output power (mW)	50/50/50
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

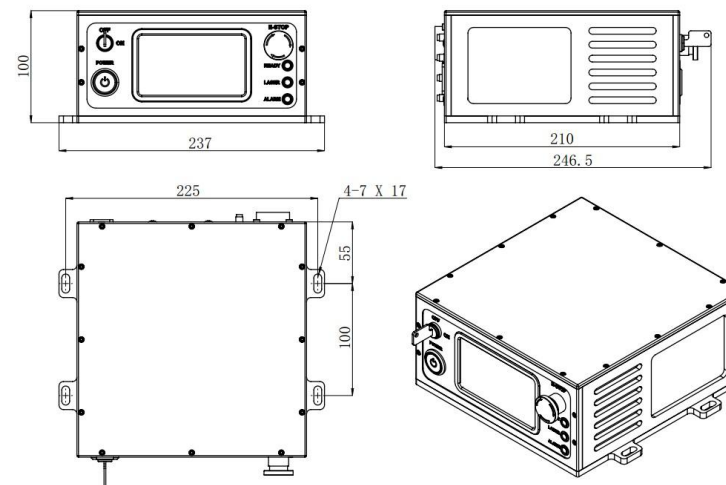
Remark: Please consult CNI for customized configurations and modifications available.

RGB-xxx



223 (L) × 274.5 (W) × 71 (H) mm³

RGB-31



246.5 (L) × 237 (W) × 100 (H) mm³