

RGB-xxxx



RGB-xxxx Laser System

RGB-xxxx series laser system can combine 4 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)	405/488/532/633	405/488/532/640
Wavelength (nm)	±5/±5/±1/±5	±5/±5/±1/±5
Operating mode	CW	
Output power (mW)	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)	~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-41	
Modulation optional	TTL on/off, 1Hz-1kHz, 1kHz-10kHz, 10kHz-30kHz; and Analog modulation optional	
Expected lifetime (hours)	10000	
Warranty	1 year	

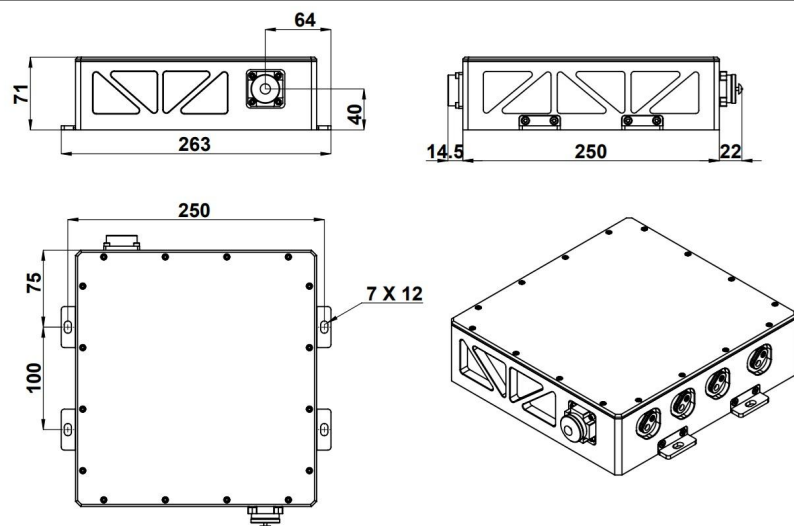


SPECIFICATIONS

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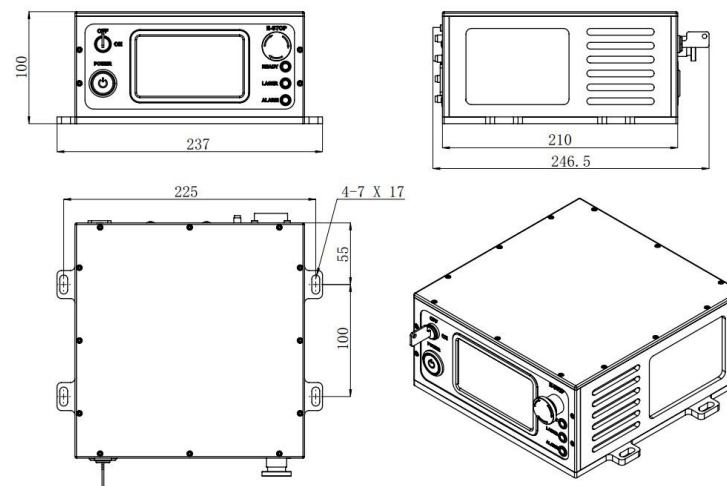
Remark: Please consult CNI for customized configurations and modifications available.

RGB-xxxx



286.5 (L) × 263 (W) × 71 (H) mm³

RGB-41



246.5 (L) × 237 (W) × 100 (H) mm³