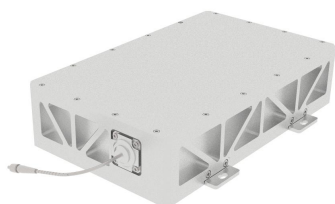


RGB-xxxx



RGB-xxxx Series Laser System

RGB-xxxx series laser system can combine 4 wavelengths into a system and one fiber outputs. It can control the laser output either separately, or open multiple lasers at the same time.

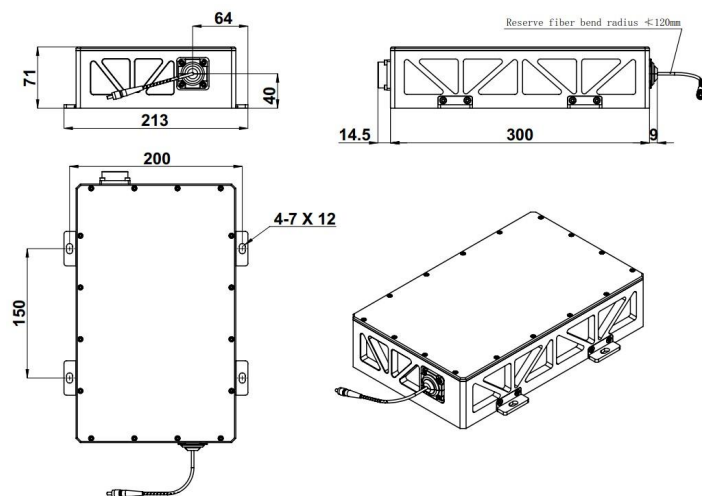


SPECIFICATIONS

Wavelength combination (nm)	532/640/785/852	589/640/1030/1064	730/808/852/976
Wavelength (nm)	±1/±5/±5/±5	±1/±5/±5/±5	±5/±5/±5/±5
Operating mode	CW		
Output power after fiber (mW)	80/50/30/30	40/50/100/100	15/100/30/100
Power stability (rms, over 4 hours)	<3%, <2%, <1%		
Transverse mode	TEM ₀₀ (single mode fiber output)		
Noise of amplitude (rms, 20Hz~20MHz)	<1%		
M ² factor after fiber	<1.1		
Polarization ratio	Random (>30:1 after PM fiber optional)		
Fiber type	SM fiber (PM fiber optional)		
Fiber Core Diameter(μm)	4~9		
Fiber NA	0.10-0.15		
Fiber Connector	FC/APC		
Fiber Length (m)	1 (Other lengths are available on request)		
Fiber jacket	PVC or metal jacket		
Warm-up time (minutes)	<5		
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		

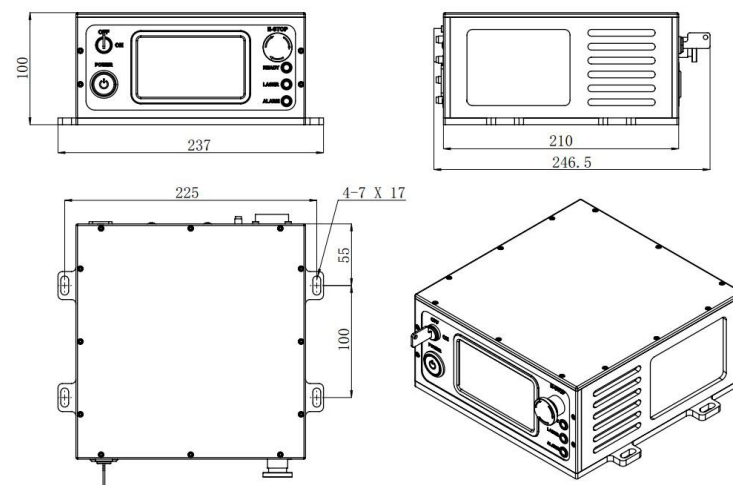
Remark: Please consult CNI for customized configurations and modifications available.

RGB-xxxx



323.5(L)×213(W)×71(H) mm³, 6.0kg

RGB-41



246.5 (L) ×237(W) ×100 (H) mm³, 5.0kg