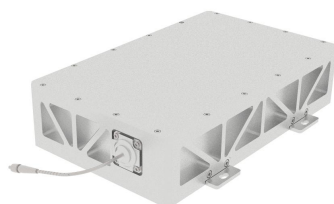


RGB-xxx



RGB-xxx Series Laser System

RGB-xxx series laser system can combine 3 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

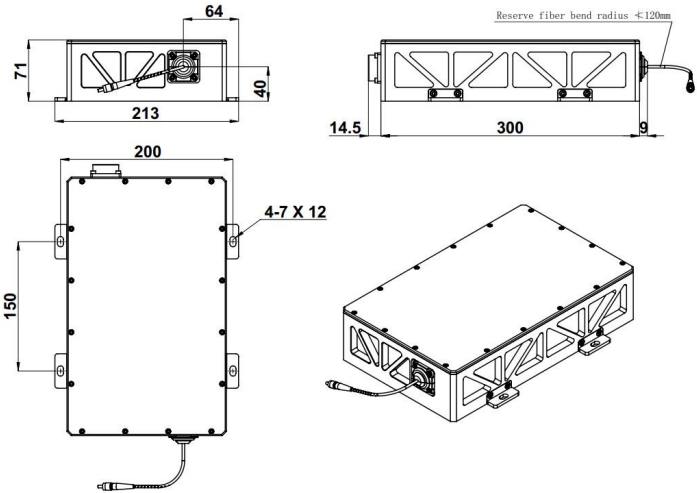
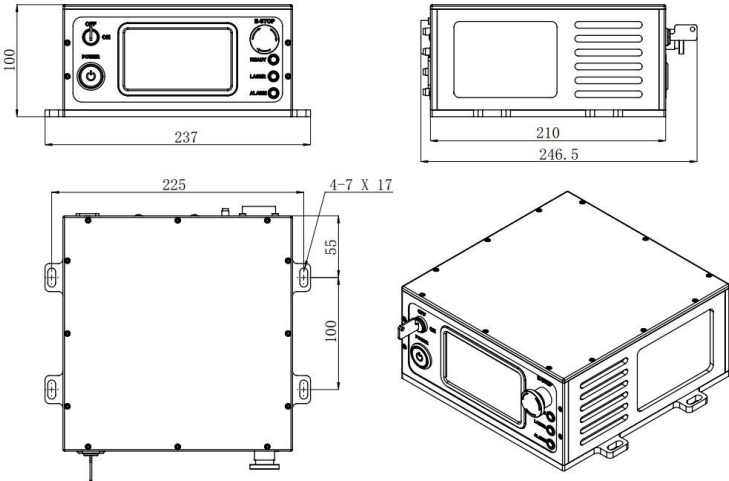
Wavelength combination (nm)	450/532/650	488/532/640	488/561/633	488/561/640	488/589/640
Wavelength (nm)	±5/±1/±5	±5/±1/±5	±5/±1/±5	±5/±1/±5	±5/±1/±5
Operating mode	CW				
Output power after fiber (mW)	20/50/40	20/50/50	20/20/20	20/20/50	20/40/50
Power stability (rms, over 4 hours)	<3%, <2%, <1%				
Transverse 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-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)	532/640/690	532/640/1064	589/634/1030	640/785/852
Wavelength (nm)	±1/±5/±5	±1/±5/±5	±1/±5/±5	±5/±5/±5
Operating mode	CW			
Output power after fiber (mW)	40/40/40	50/50/100	40/30/100	50/20/30
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			
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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	RGB-31
 323.5(L)×213(W) ×71(H) mm³, 6.0kg	 246.5 (L) ×237(W) ×100 (H) mm³, 5.0kg