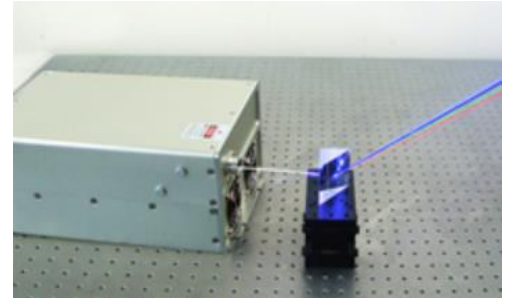




MW635D532 Series 635nm/532nm Dual Wavelength Laser System up to 200mW

Overview

The MW635D532 series multi-wavelength laser is ideal for applications that require two wavelengths of 635nm and 532nm and output power levels up to 200mW. The combination of red and green laser can generate various colors, such as red, orange/yellow, and green. The laser is widely used in scientific research, medical treatment, OEM field, and multimedia entertainment.



Specifications

Model Number	MW635D532-XPQ	
Wavelength (nm)	Red at 635nm, Green at 532nm	
Total output power (mW)	>20 (X=20), >50 (X=50), >100 (X=100), >200 (X=200)	
Transverse mode	Near TEM ₀₀ /TEM ₀₀	
Operating mode	CW	
Power stability (rms, over 4 hours)	<5% (P=A), <3% (P=E), <2% (P=2)	
Beam diameter at aperture (1/e ² , mm)	~3.0	
Beam divergence, full angle (mrad)	<1.5	
Warm-up time (minutes)	<10	
Operating temperature (°C)	10-35	
Dimensions of laser head (mm)	296(L)×170(W) ×73(H) mm ³	
Weight of laser head (kg)	4.2 kg	
RGB Laboratory Power Supply	Input voltage	100-240VAC
	Dimensions	305.5(L) ×215(W) ×120(H) mm ³
	Weight	5.0 kg
Modulation option		None (Q=0)
	TTL	1Hz-1kHz (Q=T1), 1kHz-10kHz (Q=T2), 10kHz-30kHz (Q=T3)
	Analog	1Hz-1kHz (Q=A1), 1kHz-10kHz (Q=A2), 10kHz-30kHz (Q=A3)
Expected lifetime (hours)	10,000	
Warranty period	10 months	
FDA Compliance	FDA CDRH Title 21 CFR 1040.10/11 Class IIIb	

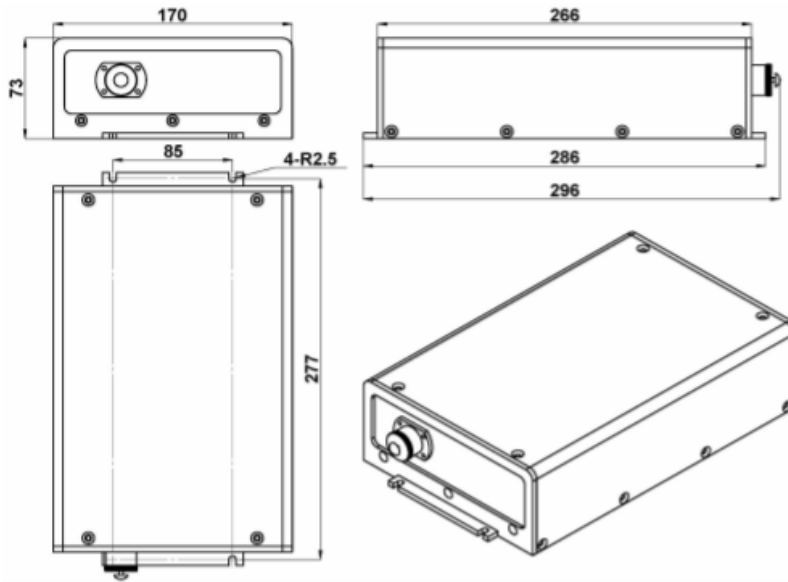
Remarks:

- Specifications of the CW laser is based on the laser performance at full power output after the specified warmup period. The stability of output power may change when output power is adjusted at a different power level.

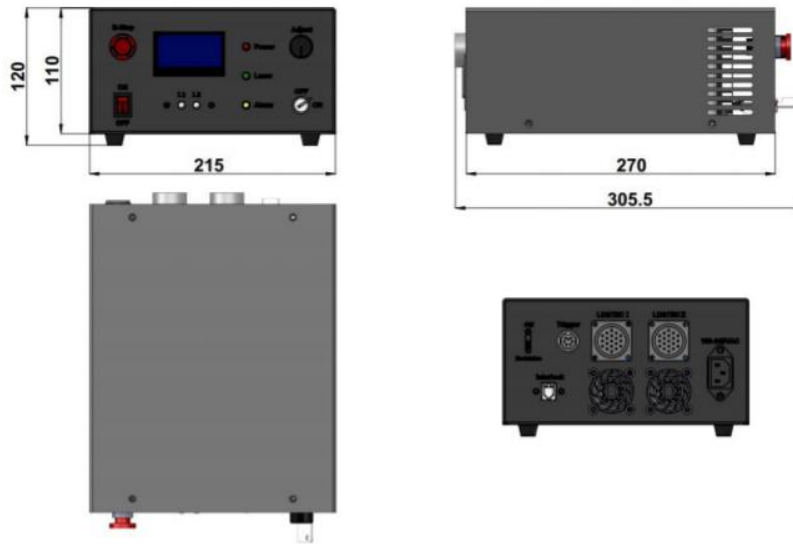


Outline Dimensions (unit: mm)

Laser Head



Power Supply



Note: The above specifications are subject to change without notice.