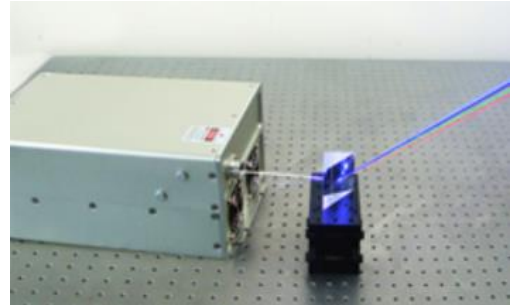




## MW655D532 Series 655nm/532nm Dual Wavelength Laser System up to 500mW

### Overview

The MW655D532 series multi-wavelength laser is ideal for applications that require two wavelengths of 655nm and 532nm and output power levels up to 500mW. 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

<b>Model Number</b>	<b>MW655D532-XPQ</b>	
Wavelength (nm)	Red at 655nm, Green at 532nm	
Total output power (mW)	>100 ( <b>X=100</b> ), >200 ( <b>X=200</b> ), >500 ( <b>X=500</b> )	
Transverse mode	Multimode/TEM <sub>00</sub>	
Operating mode	CW	
Power stability (rms, over 4 hours)	<5% ( <b>P=A</b> ), <3% ( <b>P=E</b> ), <2% ( <b>P=2</b> )	
Beam diameter at aperture (1/e <sup>2</sup> , mm)	<5x8	
Beam divergence, full angle (mrad)	<3.0	
Warm-up time (minutes)	<10	
Operating temperature (°C)	10-35	
Dimensions of laser head (mm)	296(L)x170(W) x73(H) mm <sup>3</sup>	
Weight of laser head (kg)	4.2 kg	
RGB Laboratory Power Supply	Input voltage	100-240VAC
	Dimensions	305.5(L) x215(W) x120(H) mm <sup>3</sup>
	Weight	5.0 kg
Modulation option		None ( <b>Q=0</b> )
	TTL	1Hz-1kHz ( <b>Q=T1</b> ), 1kHz-10kHz ( <b>Q=T2</b> ), 10kHz-30kHz ( <b>Q=T3</b> )
	Analog	1Hz-1kHz ( <b>Q=A1</b> ), 1kHz-10kHz ( <b>Q=A2</b> ), 10kHz-30kHz ( <b>Q=A3</b> )
Expected lifetime (hours)	10,000	
Warranty period	10 months	
FDA Compliance	FDA CDRH Title 21 CFR 1040.10/11 Class IV	

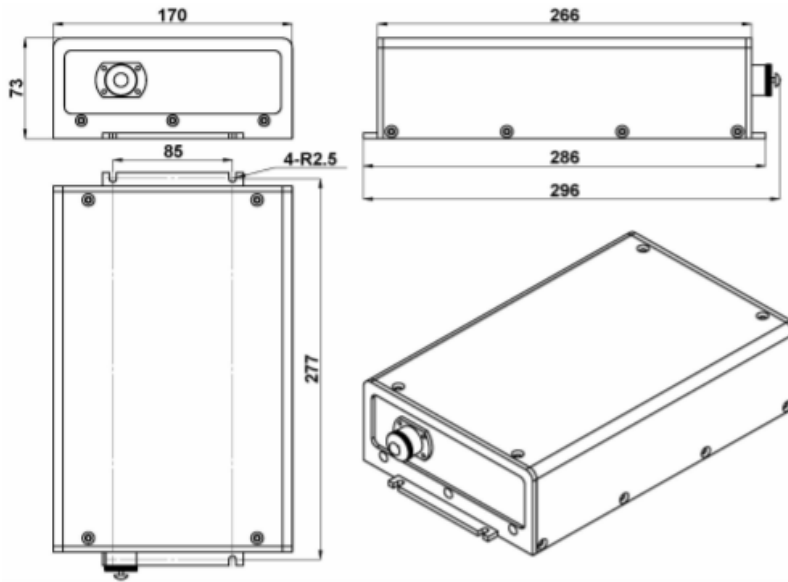
Remarks:

- 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.

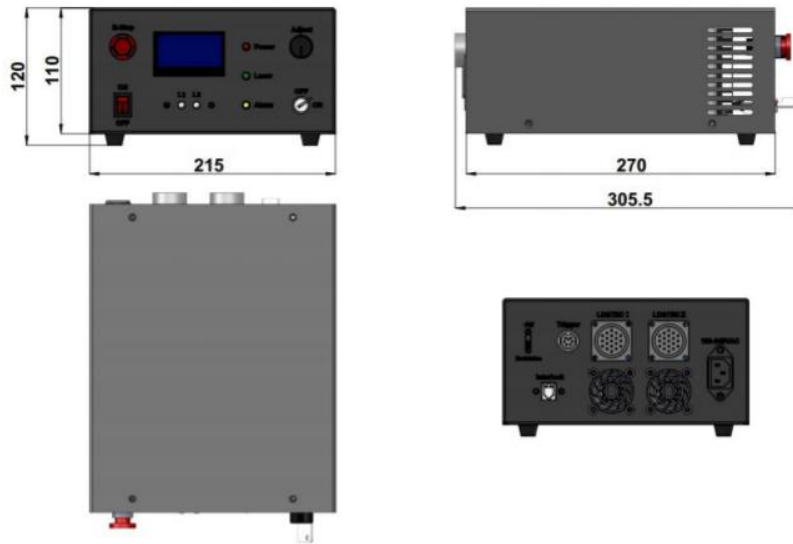


**Outline Dimensions (unit: mm)**

**Laser Head**



**Power Supply**



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