



MDL-III-940/1~1000mW



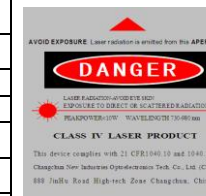
**INFRARED DIODE LASER  
AT 940nm**

Infrared diode laser module at 940nm features ultra compact design, long lifetime, cost-effectiveness and easy operation. They are used in measurement, communication, spectrum analysis, etc.



**SPECIFICATIONS**

Wavelength (nm)	940±5	
Operating mode	CW	
Output power (mW)	>1, 100, 200, 300, ..., 1000	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Transverse mode	Multimode	
Dimensions of beam at the aperture (mm)	~5×8	
Beam divergence, full angle (mrad)	<3.0	
Warm-up time (minutes)	<5	
Beam height from base plate (mm)	24.8	
Operating temperature (°C)	10~35	
Power supply	85-264VAC	PSU-III-LED/ PSU-III-FDA (Frequency for 1Hz-30kHz)
	100-240VAC	PSU-A-D (Frequency for 30kHz-100kHz)
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz, 30kHz-100kHz optional	
Expected lifetime (hours)	10000	
Warranty	1 year	



MDL-III-940	PSU-III-LED	PSU-III-FDA	PSU-A-D
146 (L) ×73(W) ×46.2 (H) mm <sup>3</sup> , 0.7kg	188.6 (L) ×155(W) ×92 (H) mm <sup>3</sup> , 1.5kg	171(L) ×130(W) ×62.2 (H) mm <sup>3</sup> , 1.2kg	162(L) ×144(W) ×70 (H) mm <sup>3</sup> , 1.0kg