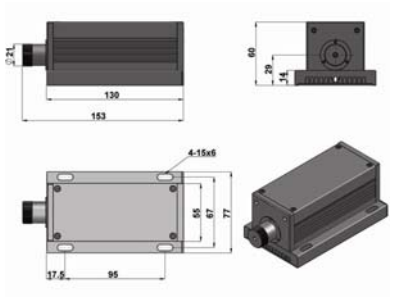
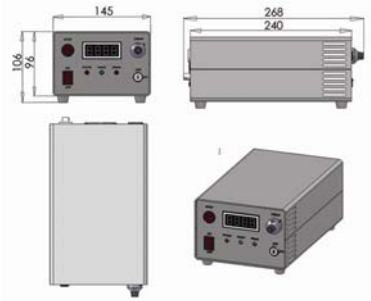
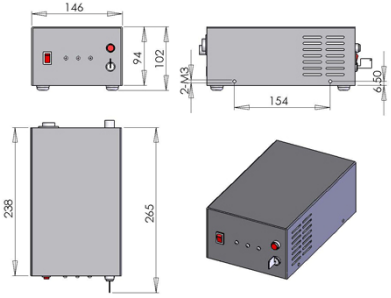
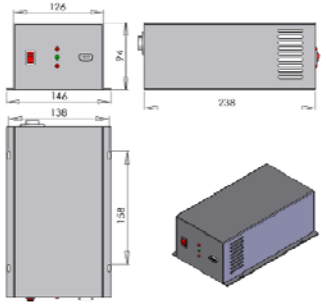
MDL-H-1940/1~800mW

INFRARED DIODE LASER AT 1940nm

Diode infrared laser module at 1940nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in measurement, communication, spectrum analysis, etc.

SPECIFICATIONS

Wavelength (nm)	1940±20		
Output power (mW)	>1, 50, 100, … , 800		
Transverse mode	Near TE_{00}		
Operating mode	CW		
Power stability (rms, over 4 hours)	<1%, <3%, <5%		
Warm-up time (minutes)	<5		
M^2 factor	<20		
Beam divergence, full angle (mrad)	<3. 0		
Beam diameter at the aperture (mm)	5~8		
Beam height from base plate (mm)	29		
Polarization ratio	>50:1		
Pointing stability after warm-up (mrad)	<0.05		
Operating temperature (℃)	10~35		
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA	PSU-H-OEM
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off		
Expected lifetime (hours)	10000		
Warranty period	1 year		

MxL-H-1940	PSU-H -LED	PSU-H-FDA	PSU-H-OEM
			
153(L)×77(W) ×60(H) mm^3, 0.9 kg	**268 (L) ×145(W) ×106 (H) mm^3, 2.6 kg**	**238 (L) ×146(W) ×102 (H) mm^3, 2.3 kg**	**238 (L) ×146(W) ×94 (H) mm^3, 2.2 kg**
			

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