

MDL-SN-980/6-12W



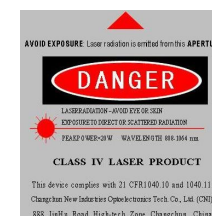
INFRARED DIODE LASER AT
980nm

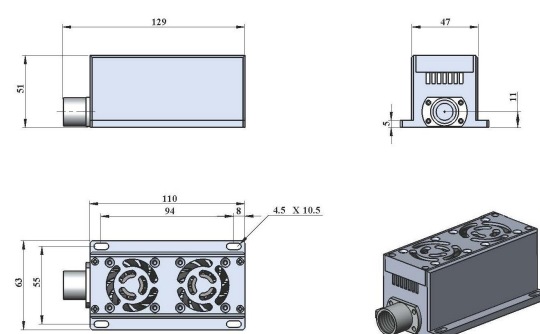
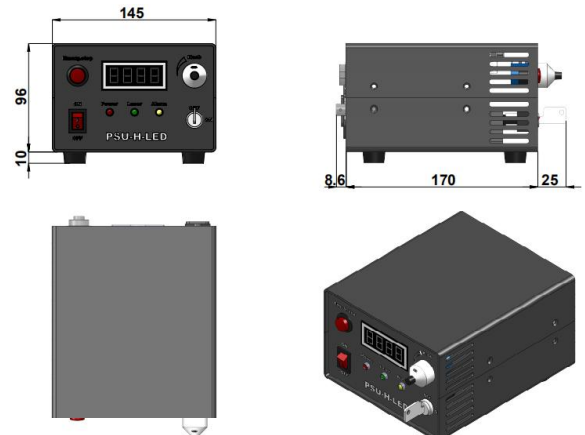
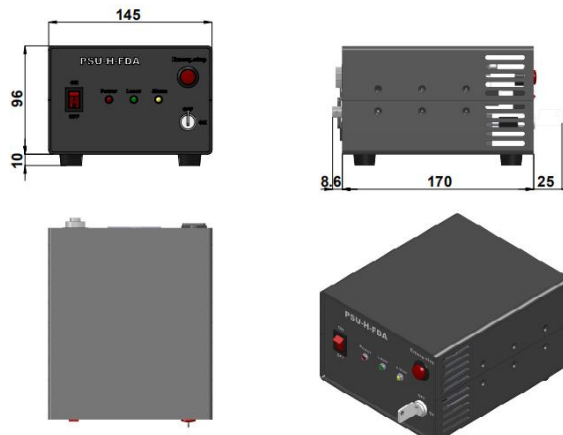
Diode infrared laser module at 980nm is made features of ultra compact, long lifetime and easy operating, which is used in measurement, communication, spectrum analysis, etc.



SPECIFICATIONS

Wavelength (nm)	980±5
Operating mode	CW
Output power (W) ¹	6-12
Power Stability (rms, 4 hours ± 3°C)	<2%, <1%, (<0.5% optional)
Transverse mode	Multimode
Beam diameter at the aperture (1/e ² , mm)	~5×8
Beam divergence, full angle (mrad)	<3.0
Warm-up time (minutes)	<5
Beam height from base plate (mm)	11
Operating temperature (°C)	10-35
Power supply (100-240VAC)	PSU-H-LED/PSU-H-FDA
Modulation option	DC-1kHz, 1kHz-10kHz, 10kHz-30kHz optional; TTL and Analog optional
Expected lifetime (hours)	>10000



LASER HEAD	POWER SUPPLY (PSU-H-LED)	POWER SUPPLY (PSU-H-FDA)
 129 (L) × 63 (W) × 51 (H) mm³, 0.7 kg	 203.6 (L) × 145 (W) × 106 (H) mm³, 2.0 kg	 203.6 (L) × 145 (W) × 106 (H) mm³, 2.0 kg

¹ Any power level can be selected in this range.

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