



MDL-III-915R/1~400mW

**INFRARED DIODE LASER  
AT 915nm**





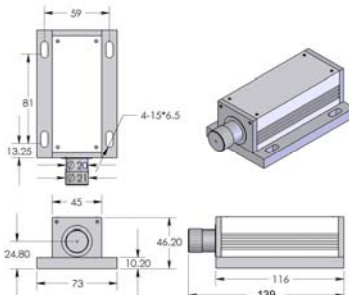
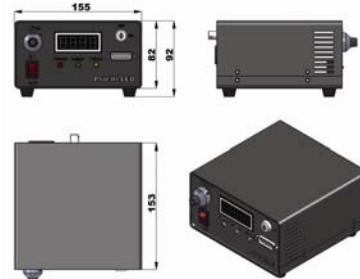
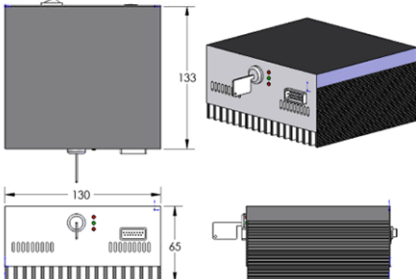
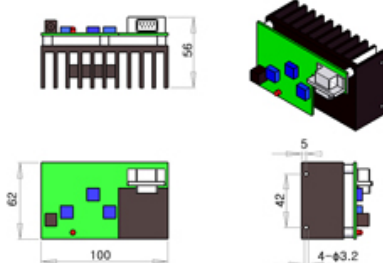
Diode infrared laser module at 915 nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in measurement, communication, spectrum analysis, etc.



**SPECIFICATIONS**

|   |   |             |             |
|---|---|-------------|-------------|
| Wavelength (nm)                         | 915±5   |             |             |
| Output power (mW)                       | >1, 100, 200, 300, ..., 400                               |             |             |
| Energy distribution                     | Even  |             |             |
| Beam Spot                               | Round   |             |             |
| Power stability (rms, over 4 hours)     | <1%, <3%, <5%   |             |             |
| Warm-up time (minutes)                  | <5  |             |             |
| Beam divergence, full angle (mrad)      | <8. 0   |             |             |
| Dimensions of beam at the aperture (mm) | ~2.0  |             |             |
| Beam height from base plate (mm)        | 24. 8   |             |             |
| Operating temperature (°C)              | 10~35   |             |             |
| Power supply (90-264VAC or 5VDC)        | PSU-III-LED   | PSU-III-FDA | PSU-III-OEM |
| Modulation option                       | TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off |             |             |
| Expected lifetime (hours)               | 10000   |             |             |
| Warranty                                | 1 year  |             |             |



| MxL-III-915R   | PSU-III-LED  | PSU-III-FDA  | PSU-III-OEM   |
|--|--|--|---|
|  <p>139(L)×73(W)×46. 2(H) mm<sup>3</sup>, 0.6kg</p> |  <p>153 (L) ×155(W) ×92 (H) mm<sup>3</sup>, 1.5kg</p> |  <p>133 (L) ×130(W) ×65 (H) mm<sup>3</sup>, 1.2kg</p> |  <p>100 (L) ×62(W) ×56 (H) mm<sup>3</sup>, 0.2kg</p> |
|   |    |   |    |