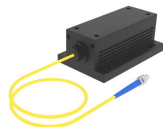


MDL-III-1060-SLD-SM/1~17mW



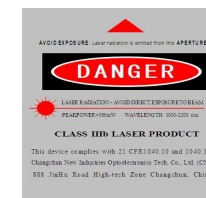
**INFRARED DIODE LASER
AT 1060nm**

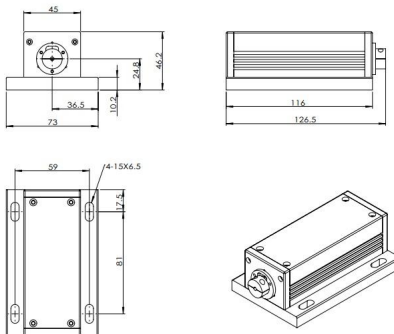
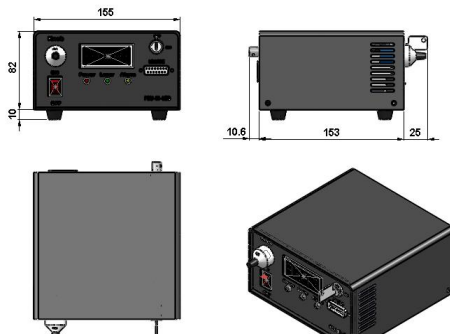
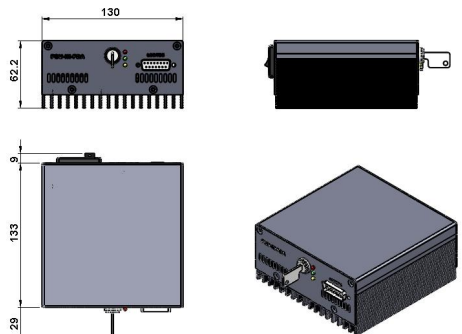
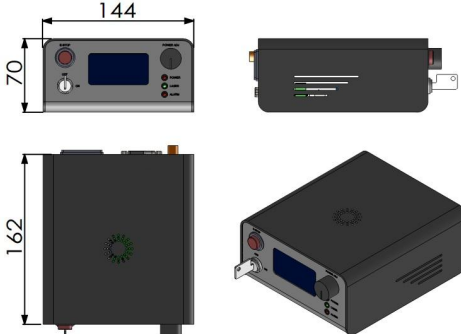
It features a wide spectral linewidth, short coherent length, long lifetime and easy operation. They are widely used in medical treatment, machine vision, metrology, fiber optic current sensing, etc.



SPECIFICATIONS

| | | |
|-------------------------------------|------------------------------------------------------------------------------------------------|----------------------------------------------------|
| Central wavelength (nm) | 1060±20 | |
| Spectral linewidth (nm) | ~70 | |
| Operating mode | CW | |
| Output power after fiber (mW) | >1,2,3,..., 17 | |
| Power stability (rms, over 4 hours) | <3%, <2%, <1%, <0.5% | |
| Fiber type | SM fiber | |
| Fiber Core Diameter(μm) | 4~9 | |
| Fiber NA | 0.12 | |
| Fiber Connector | FC/PC, FC/APC | |
| Fiber Length (m) | 1 (Other lengths are available on request) | |
| Transverse mode | TEM ₀₀ | |
| Ellipticity | >0.95 | |
| M ² factor after fiber | ~1.1 | |
| Warm-up time (minutes) | <5 | |
| 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) |
| Modulation optional | TTL on/off, 1Hz-1kHz, 1kHz-10kHz, 10kHz-30kHz, 30kHz-100kHz; and Analog modulation optional | |
| Expected lifetime (hours) | 10000 | |
| Warranty | 1 year | |



| MDL-III-1060-SLD-SM | PSU-III-LED | PSU-III-FDA | PSU-A-D |
|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>126.5(L) × 73(W) × 46.2(H) mm³, 0.7kg</p> |  <p>188.6 (L) × 155(W) × 92 (H) mm³, 1.5kg</p> |  <p>171(L) × 130(W) × 62.2 (H) mm³, 1.2kg</p> |  <p>162(L) × 144(W) × 70 (H) mm³, 1.0kg</p> |