

OEM-I-561 / 1~300mW



**LD PUMPED ALL-SOLID-STATE YELLOW LASER AT 561nm**

All solid state 561 nm yellow green laser is made features of ultra compact, long lifetime and easy operating, which is widely used in laser medical treatment, scientific experiment, optical instrument, etc.



SPECIFICATIONS

|   |  |               |
|---|--|---------------|
| Wavelength (nm)                             | 561 ± 1  |               |
| Operating mode                              | CW   |               |
| Output power (mW)                           | >1, 100, ..., 300  |               |
| Power stability (rms, over 4 hours) at 25°C | <5%, <3%   |               |
| Transverse mode                             | Near TEM <sub>00</sub>                                       |               |
| Beam divergence, full angle (mrad)          | ~1.5   |               |
| Beam diameter at the aperture (mm)          | ~4.0   |               |
| Warm-up time (minutes)                      | <10  |               |
| Beam height from base plate (mm)            | 25 (OEM-I-561)   | 92 (I-561-HS) |
| Driver (12VDC 25A, power supply optional)   | PSU-OEM-I  | PSU-I-HS      |
| TTL / Analog modulation                     | TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional |               |
| Expected lifetime (hours)                   | 10000  |               |
| Warranty period                             | 1 year   |               |



Note: The laser needs to be used on a heat sink with good heat dissipation.

| OEM-I-561   |  | I-561-HS  |  |
|---|--|---|--|
| Laser head  | PSU-OEM-I (Driver)   | Laser head  | PSU-I-HS (Driver)  |
| <p>128 (L) × 80 (W) × 40 (H) mm<sup>3</sup>, 0.7 kg</p> | <p>106.3(L) × 94 (W) × 26.6 (H) mm<sup>3</sup>, 0.3 kg</p> | <p>140 (L) × 110 (W) × 107 (H) mm<sup>3</sup>, 2.7 kg</p> | <p>142 (L) × 104 (W) × 50 (H) mm<sup>3</sup>, 0.8 kg</p> |