

MIL-V-3900/1~200mW

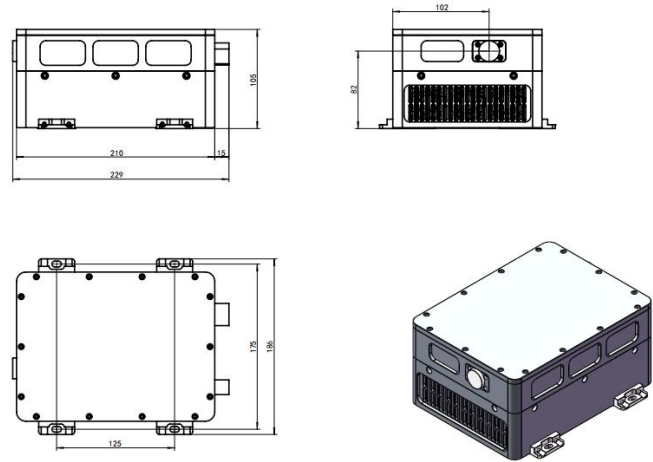
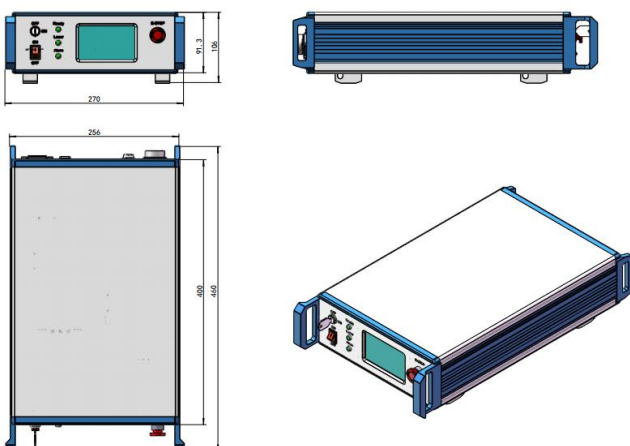
SPECIFICATIONS

**LD PUMPED ALL-SOLID-STATE  
Infrared LASER AT 3900nm**

The series of laser provide a CW output power of about max 200mW. The customer can order any wavelength range in the list. It is widely used in remote sensing, communication, spectrum analysis, etc.

|  |                      |
|--|----------------------|
| Wavelength (nm)                                      | 3900                 |
| Wavelength deviation (nm)                            | ±5                   |
| Operating mode                                       | CW                   |
| Output power (mW)                                    | >1, 50, 100, ... 200 |
| Power stability (rms, over 4 hours)                  | <5%, <10%            |
| Beam divergence, full angle (mrad)                   | <8                   |
| Beam diameter at the aperture (1/e <sup>2</sup> ,mm) | <8                   |
| Beam height from base plate (mm)                     | 82                   |
| Warm-up time (minutes)                               | <10                  |
| Operating temperature (°C)                           | 15~30                |
| Power supply (90-264VAC)                             | PSU-AOM              |
| Expected lifetime (hours)                            | 10000                |
| Warranty period                                      | 1 year               |



| MIL-V-3900   | PSU-AOM  |
|--|--|
|  <p>229(L)×186(W)×105(H) mm<sup>3</sup>, 5.5kg</p> |  <p>460 (L) × 270(W) × 106(H) mm<sup>3</sup>, 7 kg</p> |