

Digital Line Generator

1D Micro-Mirror Laser Scanner



Product Features

- Compact
- Built-in circuitry

Application

- Scanning
- Measurement
- Bioanalytical
- Display
- Alignment

Operational Hazard-Semiconductor Laser Diode Module:

This laser module emits radiation that is visible and harmful to human eye. When in use, do not look directly into the laser emitting aperture. Direct viewing of laser diode emission at close range may cause eye damage.

Limited Warranty: One year. No warranty coverage for disassembly, modifications or damage due to abuse or misapplication.

Specification

OPTICAL

Wavelength	405, 532, 635, 650, 690 nm
Optical Output Power	1 to 100 mW
Stability	<1%
Wavelength Drift	0.2nm/°C
Scanning Frequency	500 Hz
Scan Angle	+/- 25 degree
Laser Operation	Continuous or Modulated
Laser Structure	Single Mode Laser
Divergence at the collimation	<0.5 milliradian
Spot Size	Adjustable (default) Or Collimated(5mm)
Minimum Spot Size	<60µm at <10" distance
Pointing Stability	<50µrad

ELECTRICAL

Operating Voltage	5 VDC
Operating Current	<200 mA
Control Circuit	Auto Power Control
Electrical Connections	+Red, -Black

MECHANICAL

Dimension (mm)	17.5 x 19.5 x 44 mm
Cable	200mm
Operating Temperature	-10°C to +50°C
Storage Temperature	-40°C to +80°C

Caution: The case is internally connected to the circuit; damaging to the anodized surface may result in failure of the laser module.



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