

## Imaging Module - Laser Diode

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### Laser Diode (LD)

The ROS uses a dual spot Laser Diode capable of producing two laser beams which can simultaneously scan two adjacent lines. The wavelength is 780 nm and a maximum output of 20mW. This allows a max Scan Density of 600spi x 600spi (scans per inch) and a resolution of 1200 dpi x 1200 dpi. (dots per inch). The image region is 297.010mm and the light exposure region is 320.040mm. For lower Scan Density the Laser Diode is fired at a slower rate.

