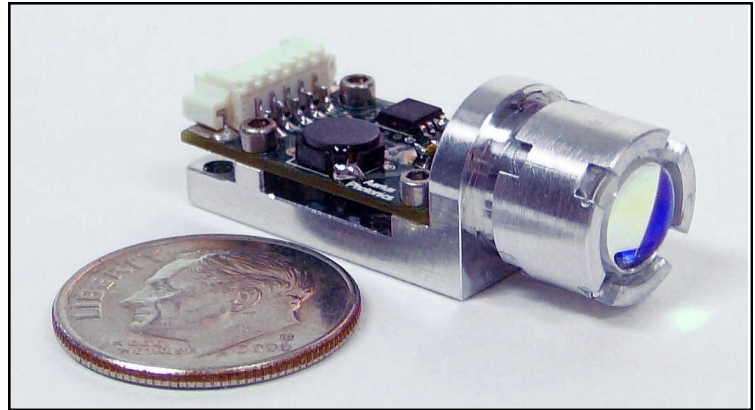


## AERIUS™ MLP Vis / NIR / SWIR

Aerius Photonics' miniature laser pointer is useful for marking objects from long distances. The ultralow weight of Aerius Photonics' pointer enables its use in small vehicles and in handheld applications. Multiple wavelengths from Blue up to 2um are available. The timing sequence has multiple patterns available. User-defined patterns and ramping/flashing are also allowed. Externally controlled brightness and pulsing is included.

### Miniature Laser Pointer With continuous or fully programmable pulsed and ramped output



### Applications

- **Manned and autonomous vehicles**
- **IR marking**
- **Handheld applications**

### Features

- **Visible, NIR, and SWIR pointing**
- **Wavelengths from 400nm to 2000nm available**
- **Fully programmable for stand-alone operation or flexible system integration**
- **Integrated thermal control**
- **Wide voltage acceptance range**
- **Custom wavelengths available**

Parameter	Typical Value
Output Power	20 to 200mWatts
System Weight	5 grams
Wavelengths available	450nm (blue), 520 nm (green), 660 nm (red), 830 nm (nvg), 940 nm (NIR), 1064 nm (SWIR), 1310 nm (SWIR), 1550nm (SWIR)
Power and control	4-40 volts input, strobe and PWM brightness control, optional UART communication

**Aerius Photonics**  
is a leading designer and seller of highly-efficient semiconductor lasers, low-noise photo detectors and OEM electro-optical sub-systems for commercial and government applications.

### Other Aerius Photonics Products

- **High-power pulsed and continuous VCSELs**
- **Miniature laser range-finders and altimeters**
- **NIR laser illuminators and pointers**
- **SWIR camera sensors**
- **Infrared detectors and focal plane arrays**

*Preliminary Datasheet— specifications may change at any time without notice. The information we supply is believed to be accurate and reliable as of this printing. However, we assume no responsibility for its use. August 2010.*