

# IR Detector Card LDT-1064N

## Spectral Range 800 – 1700 nm

The new IR Detector Card LDT-1064N is the right tool to convert mid power IR radiation into visible light. It is used in laboratories, in production or as a service tool to detect and align invisible IR lasers.

The emission is based on "photon up conversion" effects. The card is suitable for cw and pulsed lasers. With an active size of 50.8 mm x 50.8 mm it can even detect lasers with larger beam diameters.

The new Detector Card does not require UV light activation or moving inside the laser beam.



Model	LDT-1064N
Excitation range	800 – 1700 nm
Emission	green (approx. 530 nm)
Size of the screen	88.9 mm x 50.8 mm
Active size	50.8 mm x 50.8 mm
Minimum intensity (estimated)	<10 mW/cm <sup>2</sup> (1064 nm, cw) <1 mJ/cm <sup>2</sup> (1064 nm/pulsed)
Maximum intensity (estimated)	>100 W/cm <sup>2</sup> (1064 nm, cw) >20 J/cm <sup>2</sup> (1064 nm, pulsed)

