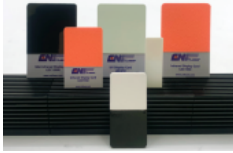




Laser Viewing Card



Laser viewing cards convert UV/ infrared radiation to visible radiation providing a visual image of light. The cards consist of an UV/ infrared phosphor material which stores the energy from conventional light sources (e.g. indoor room lighting, sunlight). As incident UV/ infrared light stimulates the phosphor, the stored energy is released in the form of visible light. Hand-held viewers are ideal for observation and alignment, of laser beams with wavelengths between 250nm and 13um. The viewer delivers a bright, high-contrast image with edge-to-edge sharpness.

■ NIR Detector Card: 700-1600nm

Wavelength Range	700nm–1600 nm	
Model Number	LDC-1550-25	LDC-1550-40
Active Area	25×25 mm	40×40 mm
Coating Material	Up-conversion fluorescent materials	
Sensitivity @ 980 nm	0.85 $\mu\text{W}/\text{cm}^2$	Dark environment
Sensitivity @ 1550 nm	5.7 $\mu\text{W}/\text{cm}^2$	
Sensitivity @ 980 nm	3.82 $\mu\text{W}/\text{cm}^2$	Fluorescent lamp
Sensitivity @ 1550 nm	65 $\mu\text{W}/\text{cm}^2$	

