



IR & Sensing Product Solutions

Perceive - Granting the Soul of Physical AI to Explore its environment

LITEON is a global leader in IR & Sensing Solutions, ranking top 3 worldwide with over 50 years of manufacturing experience. Our comprehensive product portfolio serves wearable, mobile, surveillance and automotive applications, delivering proven reliability for safety-critical systems backed by long-term partnerships with leading global customers.

LITEON guarantees supply stability and fast delivery through our global manufacturing scale. Crucially, we offer non-China manufacturing solutions, which is a major benefit for customers navigating geopolitical risks. We provide distributor-friendly engagement with responsive technical support.

IR & Sensing Portfolio Overview

- High WPE & Compact Size IR Emitters
- Low Red-Glow Technology High Power IR
- High Speed & Patented Eye-safety Lasers
- Compact Analog & Digital OFEs
- High Accuracy & IR Rejection I²C Sensors
- AEC-Q certified IR Emitters, Optical Switches, & Sensors

Typical Design-In Entry Points

- Camera Module Systems
- Optical Sensing Systems & Modules
- Optical Front End for Vital Sign Detection
- Industrial Safety Light Curtain & Machine Vision Systems
- Driver Monitoring Systems & Occupancy Monitoring Systems
- 3D Sensing & ToF Systems



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