

Operating Specifications

IR/Visible Beam Display:

Wavelength: 600nm - 1,100nm
Active Area: 33cm²
E_e: 1mW/cm²
Average Power Density: 100μW/cm² - 2W/cm²
Pulse Frequency: >50Hz
Pulse Width: >3μs
Maximum Peak Power: <1MW

Multi-color Display Sensor (center):

Wavelength: 400nm - 1,100nm*
Active Area: 0.71cm²
Average Power: 200μW - 2W**
Pulse Frequency: >50Hz
Pulse Width: >10ns
Beam Diameter: >1.0mm
Peak Power Density: <1MW/cm²(max)

Polarizer (optional):

Wavelength: 400nm - 800nm*
Average Power: 1.0W/cm²(max.)
Pulse Frequency: >50Hz
Pulse Width: >1.0μs
Beam Diameter: >1.5mm
Peak Power: 1MW/cm²(max.)

Electrical Requirements:

Rated Input Voltage: 100Vac - 240Vac
Rated Input Frequency: 50Hz - 60Hz
Wallplug Supply Output: 12Vdc, 1.0A (min.)

Environmental Requirements:

Operating Temperature Range: 10°C - 40°C
Operating Humidity: <90% relative humidity

Safety and EMI:

Safety Approvals: UL/cUL
EMI Standard: meets FCC class B. VCCI-II
RoHS Compliant: yes
Leakage Current: 0.25mA

*Extended wavelengths are available, please contact manufacturer.

**Max. of 300mW without attenuation