

CORE SERIES INL146



INL146 - WXGA- 3100 Lumens - 16:10 Aspect Ratio

Breaking new ground for laser projection value and total cost of ownership with no lamps to change, no filters to clean the Quantum Laser Core Series are feature-packed delivering up to 30,000 hours of 24/7, maintenance-free use. Designed for maintenance-free continuous operation, the Core Series can be installed in virtually any orientation. Lightweight with a compact footprint combined with 360-degree and portrait projection enable flexible and effortless installation.

Features

Lamp Free Environmentally-Friendly Laser Technology

Our Quantum Laser product line is reliable and environmentally friendly with solid-state laser light source technology. The complete product line is lamp, filter, mercury, and maintenance-free. The ultra-low energy usage for its class and long-standing durability and performance offers outstanding value and total cost of ownership.

Unparalleled Flexibility

Flexibility for almost every use model with a 1.3x optical zoom lens, front, rear, and ceiling placement and floor to ceiling projection, ceiling to floor, complete 360-degree installation across the horizontal axis, and not forgetting both landscape and portrait modes—ideal for meeting rooms, home office, classrooms, retail displays, fixed installations, bars, clubs, and restaurants and so much more.

Designed for maintenance-free 24/7 continuous operation

Designed for maintenance-free 24/7 continuous operation with advanced laser diode cooling and a IP6X rated dust resistant design.

SuperSmartProject

Our SuperSmartProject suite of power-saving, power optimisation, and utilisation features and functions combine ease of use and energy saving for your everyday use. Instant power on, signal power on, instant power off, auto power-off, 10 step illumination reduction and Dynamic Black optimisation all help enhance your viewing experience while optimising energy usage.

Quantum Laser Engine

We incorporate laser phosphor illumination technology with blue laser diodes instead of traditional lamps to illuminate the Texas Instruments DLP digital micromirror device. The InFocus Quantum Laser engine produces vivid colours and exceptional image quality.

4K Ultra HD Support on Native 1080p Models

Simply stunning image quality with up to 1920 x 1080 native resolution, HDMI 2.0 (HDCP 2.2) 4K Ultra HD and High dynamic range (HDR) support. The projected image has life texture details and improved image depth perception that pops off the screen.

Image

| | |
|---------------------------------|------------------------|
| Projection Technology | Texas Instruments DLP® |
| Panel Size | 0.65" |
| Native Resolution | WXGA |
| Pixels | 1280 x 800 |
| Aspect Ratio | 16:10 |
| Contrast Ratio | 2000000:1 |
| Brightness (Lumens) | 3100 |
| Light Source | Quantum Laser |
| Light Source Life Maximum Hours | 30000 |
| Maximum Supported Resolution | 1920 x 1080 |
| Horizontal Sync. Range (KHz) | 15 ~ 100 |
| Vertical Sync. Range (Hz) | 50 ~ 120 |
| Uniformity (%) | 85 |

Optical

| | |
|--|------------------------|
| Lens | 1.3x |
| Lens Zoom Adjustment | Manual |
| Optional Lenses | - |
| Image Offset (%) | 112 |
| Focal Length (mm) | 16.901 ~ 21.607 |
| F-Stop | 2.43 ~ 2.78 |
| Vertical Lens shift (%) | - |
| Horizontal Lens shift (%) | - |
| Keystone Adjustment | Automatic / Manual |
| Vertical Keystone Correction | ±30° |
| Horizontal Keystone Correction | - |
| Projection Factor | 1.19 ~ 1.54:1 |
| Projection Distance (Meters/Feet) | 1.2 ~ 7.7 / 3.9 ~ 25.3 |
| Optical Zoom | Manual |
| Digital Zoom Demagnification / Magnification | 0.8x ~ 2.0x |
| Focus Adjustment | Manual |

Connectivity

| | |
|---------------------------------|----------------------|
| Analog Input | VGA, Composite Video |
| Analog Output | VGA |
| Digital Input | 2x HDMI™ 1.4 |
| Digital Output | - |
| Audio Input | 3.5mm |
| Audio Output | 3.5mm |
| Control | RS232, Micro USB |
| Service | Micro USB |
| Powered USB for Wireless Dongle | USB-A |
| 3D Sync | - |
| Full 3D Support | Yes |

| | |
|-----------------------|-----------------------------|
| 3D Formats | All Major Formats Supported |
| Document Reader | - |
| Video Player | - |
| Photo Viewer | - |
| Music Player | - |
| PC Less Compatibility | - |

Power

| | |
|---------------------------------------|----------------------------|
| Power Supply | 100 ~ 240 V AC; 50 - 60 Hz |
| Power Consumption Max (W) | 161 |
| Power Consumption Min. (W) | 138 |
| Power Consumption Network Standby (W) | - |
| Power Consumption Standby (W) | <0.5 |

General

| | |
|--|--|
| Dimensions (W x H x D) (mm / in) | 337 x 265 x 119.3 / 13.27 x 10.4 x 4.7 |
| Product Weight (Kilograms/Pounds) | 3.9 / 8.6 |
| Fan Noise (dB) | 28 ~ 30 |
| Audio (w) | 1x 15 |
| Operating Temperature (Celsius/Fahrenheit) | 0 ~ 40 / 32 ~ 104 |
| Operating Humidity (%) | 0 ~ 85 |
| Max Operating Altitude (meters / feet) | 3048 / 10000 |
| Storage Temperature (Celsius/Fahrenheit) | -10 ~ 60 / 14 ~ 140 |
| Storage Humidity (%) | 0 ~ 85 |
| Security | Kensington Lock Port™, PIN & Timer |
| In the Box | Projector, IR Remote Control (no Batteries), Power Cord, VGA Cable, Projector, Setup Guide, Lens Cap |
| Safety and Regulatory | CE, EAC, RoHS, cTUVus, CCC, FCC, FDA, NOM |
| Environmental | WEEE, RoHS |

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