CORE SERIES INL156





INL156 - WXGA- 3500 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

Native Resolution **WXGA**

Pixels 1280 x 800

Aspect Ratio 16:10

Contrast Ratio 2000000:1

3500 Brightness (Lumens)

Light Source Quantum Laser

Light Source Life Maximum Hours 30000

Maximum Supported Resolution 1920 x 1080

15~100 Horizontal Sync. Range (KHz) 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

2.43 ~ 2.78 F-Stop

Vertical Lens shift (%) Horizontal Lens shift (%)

Keystone Adjustment Automatic / Manual

Vertical Keystone Correction ±30°

Horizontal Keystone Correction

Projection Distance (Meters/Feet) 1.2 ~ 7.7 / 3.9 ~ 25.3

1.19 ~ 1.54:1

Optical Zoom Manual $0.8x \sim 2.0x$ Digital Zoom Demagnification / Magnification

Focus Adjustment Manual

Connectivity

Projection Factor

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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