CORE II SERIES - THE NEW BENCHMARK IN LASER PROJECTION FOR VALUE, PERFORMANCE AND PORTABILITY!

INL176 - WXGA- 4200 Lumens - 16:10 Aspect Ratio

SAY NO TO LAMPS – NO TO FILTERS – SAY HELLO QUANTUM LASER CORE II

Lamp Free Environmentally Friendly Laser Technology.

Breaking new ground for laser projection value and total cost of ownership with no lamps to change, no filters to clean and 97% recyclable packaging. The Quantum Laser Core II Series are feature-packed delivering up to 30,000 hours of 24/7, maintenance-free use.

Designed for maintenance-free continuous operation, the Core II 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.

We incorporate laser phosphor illumination technology with blue laser diodes instead of traditional lamps to illuminate the Texas Instruments DLP digital micro-mirror device. The InFocus Quantum Laser engine produces vivid colours and exceptional image quality. 4K Ultra HD Support on Native 1080p Models with up to 45% reduced power consumption when compared to comparable lamp based products.

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.

The eco-friendly packaging contains up to 97% recyclable materials. The ultra compact size of the Core II Series enables reduced packaging and improved transportation efficiencies and reduce carbon emissions.

Features

Environmentally-Friendly Laser Technology

The Core II Series, part of our Quantum Laser line of projectors, are deployed with solid-state laser light source technology. The complete Quantum Laser range 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 low cost of ownership.

4K Support

Simply stunning image quality with up to 1920 x 1080 native resolution and HDMI 2.0 (HDCP 2.2) 4K support on Full HD models. HDR compatible for like life texture details and improved image depth perception.

SuperSmartProject

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

Flexible Installation

Flexibility for almost every surface with front, rear, and ceiling placement as well as floor to ceiling and ceiling to floor projection, full 360-degree placement across the horizontal axis and not forgetting both landscape and portrait modes ideal for retail display purposes, fixed installations, bars, clubs, and restaurants.

Image

Projection Technology	Texas Instruments DLP®
Panel Size (in)	0.65
Native Resolution	WXGA
Pixels	1,200 x 800
Aspect Ratio	16:10
Dynamic Contrast Ratio	3,500,000:1
Brightness (lm)	4,200
Light Source	Quantum Laser
Maximum Laser Life (h)	30,000
Maximum Supported Resolution	1,920 x 1,080
Horizontal Sync. Range (kHz)	15 ~ 100
Vertical Sync. Range (Hz)	24 ~ 120
Uniformity (%)	85

Optical

Lens	1.1x
Lens Zoom Adjustment	Manual
Optional Lenses	-
Image Offset (%)	112,4
Focal Length (mm)	21.85 ~ 24.00
F-Stop	2.41 ~ 2.53
Vertical Lens shift (%)	-
Horizontal Lens shift (%)	-
Keystone Adjustment	Automatic / Manual
Vertical Keystone Correction	±30°
Horizontal Keystone Correction	-
Projection Factor	1.54 ~ 1.72
Projection Distance (Meters/Feet)	1.0 ~ 10.0 / 3.28 ~ 32.80
Optical Zoom	Manual
Digital Zoom	0.8x ~ 2.0x
Focus Adjustment	Manual

Connectivity

Inputs	
Mini D-sub 15-pin (VGA)	✅
Composite Video	✅
S-Video	-
HDMI™ 1.4	✅✅
HDMI™ 2.0	-
[illegible] B 2.0	-
[illegible] LAN 10/100/1000	-

3.5 mm Stereo Mini Jack	✅
Outputs	
Mini D-sub 15-pin (VGA)	✅
3.5 mm Stereo Mini Jack	✅
Powered USB-A for Wireless Dongle	✅
3D Sync	-
Other	
RS232	✅
RJ45 HDBaseT	-
All Major 3D Formats	✅
USB-A for Service	✅
Micro USB for Service	-
Document Reader	-
Video Player	-
Photo Viewer	-
Music Player	-
12v Screen Trigger	-

Power

Power Supply	Universal AC 100 ~ 240 V; 50 - 60 Hz
Power Consumption Max (W)	139
Power Consumption Min. (W)	88
Power Consumption Network Standby (W)	-
Power Consumption Standby (W)	<0.5

Audio

Fan Noise (dB)	28 ~ 30
Audio (w)	1 x 15

Environmental

Operating Temperature (C/F)	0 ~ 40 / 32 ~ 104
Operating Humidity (%)	0 ~ 85
Max Operating Altitude (m/ft)	3,048 / 10,000
Storage Temperature (C/F)	-10 ~ 60 / 14 ~140
Storage Humidity (%)	0 ~ 85
Environmental Compliance	WEEE, RoHS

General

Dimensions (L x W x H) (cm / in)	27.8 x 21.6 x 11.6 / 10.9 x 8.5 x 4.6
Product Weight (kg / lb)	2.9 / 6.35
Boxed Dimensions (cm / in)	40.0 x 28.0 x 15.5 / 15.7 x 11.0 x 6.1
Boxed Weight (kg / lb)	4.4 / 9.68
Security	Kensington Lock Port™, PIN & Timer
In the Box	Projector, IR Remote Control (no Batteries), Power Adapter, HDMI Cable, Quick Start Guide
and Regulatory	CE, EAC, RoHS, cTUVus, CCC, FCC, FDA, NOM

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