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





INL174 - XGA- 4100 Lumens - 4:3 Aspect Ratio

Quantum Laser Core II Series – The new benchmark in laser projection for value, performance, and portability!
SAY NO TO LAMPS – NO TO FILTERS – SAY HELLO QUANTUM LASER CORE II
Lamp Free Environmentally Friendly Laser Technology.
They are designed for maintenance-free continuous 24/7 operation, delivering powerful image performance, flexible installation, extensive features, and connectivity in an ultra-compact design.
Engage more in the classroom and have peace of mind that you and your students or classmates are using the latest cutting-edge, environmentally friendly, energy-efficient display technology on the market. The Core II Series projectors offer up to a 50% reduction in energy usage and footprint compared to our lamp-based and former laser series models.
The environmentally friendly Core II Series projectors offer up to 30,000 hours of laser life, and 99% recyclable packaging materials with an IP6X dust resistance rating deliver outstanding dust resistance for 24/7 maintenance-free operation in virtually all environments.
For the corporate installation, all models come with an RS232 connectivity for monitoring and controlling solution support.

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 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 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.

Projection Technology	Texas Instruments DLP®
Panel Size (in)	0.55
Native Resolution	XGA
Pixels	1,024 x 768
Aspect Ratio	4:3
Dynamic Contrast Ratio	3,500,000:1
Brightness (lm)	4,100
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 (%)	115
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	1.94 ~ 2.16
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	-
USB-B 2.0	-
RJ45 - LAN 10/100/1000	-
3.5 mm Stereo Mini Jack	✅
Outputs	
Mini D-sub 15-pin (VGA)	✅
´ m Stereo Mini Jack	✅
ad 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
Safety and Regulatory	CE, EAC, RoHS, cTUVus, CCC, FCC, FDA, NOM

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