

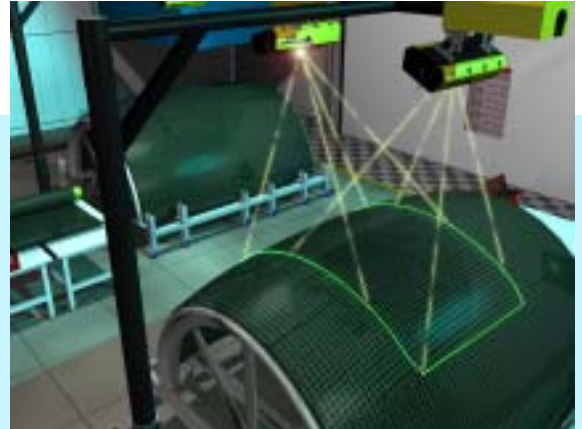
LPT



PRODUCT SHEET

LPT1 Laser Projector, Features, Benefits and Specifications

The LPT1: Long Range Laser Projector



Unlimited mounting configurations and wireless control provide exceptional system versatility.

LPT1 Features

The **LPT1** is the only true **3D** laser projection system available anywhere. Designed to revolutionize your manufacturing applications, the **LPT1** provides precise laser templating that is driven by any 3D CAD model data. The **LPT1** is easy to use and effective in providing accurate, repetitive visual laser templates directly on a work surface. As the only multi-range laser projector available on the market, the LPT1 has the longest range and the largest projection envelope with the highest proven accuracy of any laser projector in the world.

System Controls

The operating interface of the **LPT1** can vary to suit the unique requirements of each specific user. The projector can easily be controlled by connecting a monitor, keyboard & mouse directly to the projector. These projectors can also be controlled from a stand alone PC or laptop using a 100 Base-T Network interface. The **LPT1** is designed to work in tandem with additional LPT projectors, providing the ability to project large-scale templates and shapes beyond the range of a single projector.

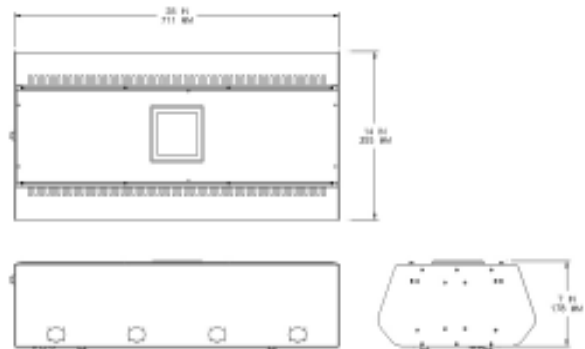
Sealed Enclosure

The **LPT1** enclosure is designed with a dust-tight seal, isolating the internal components and optics from the manufacturing environment. The isolated components remain at stable operating temperatures through an active thermal colling matrix. This design greatly reduces system maintenance and down-time especially when operating in manufacturing environments that produce conductive particles.

LPT1 Specifications

Power Input:	110/240 Vac 50/60 Hz
Laser Output:	Laser Power < 5 mW
Laser Class:	CDRH IIIa, IEC 3R
Laser Wavelength:	532 nm (Green)
Projection Distance:	5 ft. to 50 ft. (1.2 m - 15.25 m)
Projection Angular Range:	60 degrees (X & Y)
Dynamic Projection Accuracy:	0.015 in. (0.381 mm)
Line Width:	0.020 in. (0.50 mm)
Projector Weight:	45 lbs. (20.43 kg)
Certifications:	UL, cUL, CE, CDRH IIIa, IEC 3R

Laser Head Basic Dimensions



Dimensions are in inches & (meters)
This equipment conforms to provisions
US 21 CFR 1040.10 and 1040.11 and IEC 60825



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