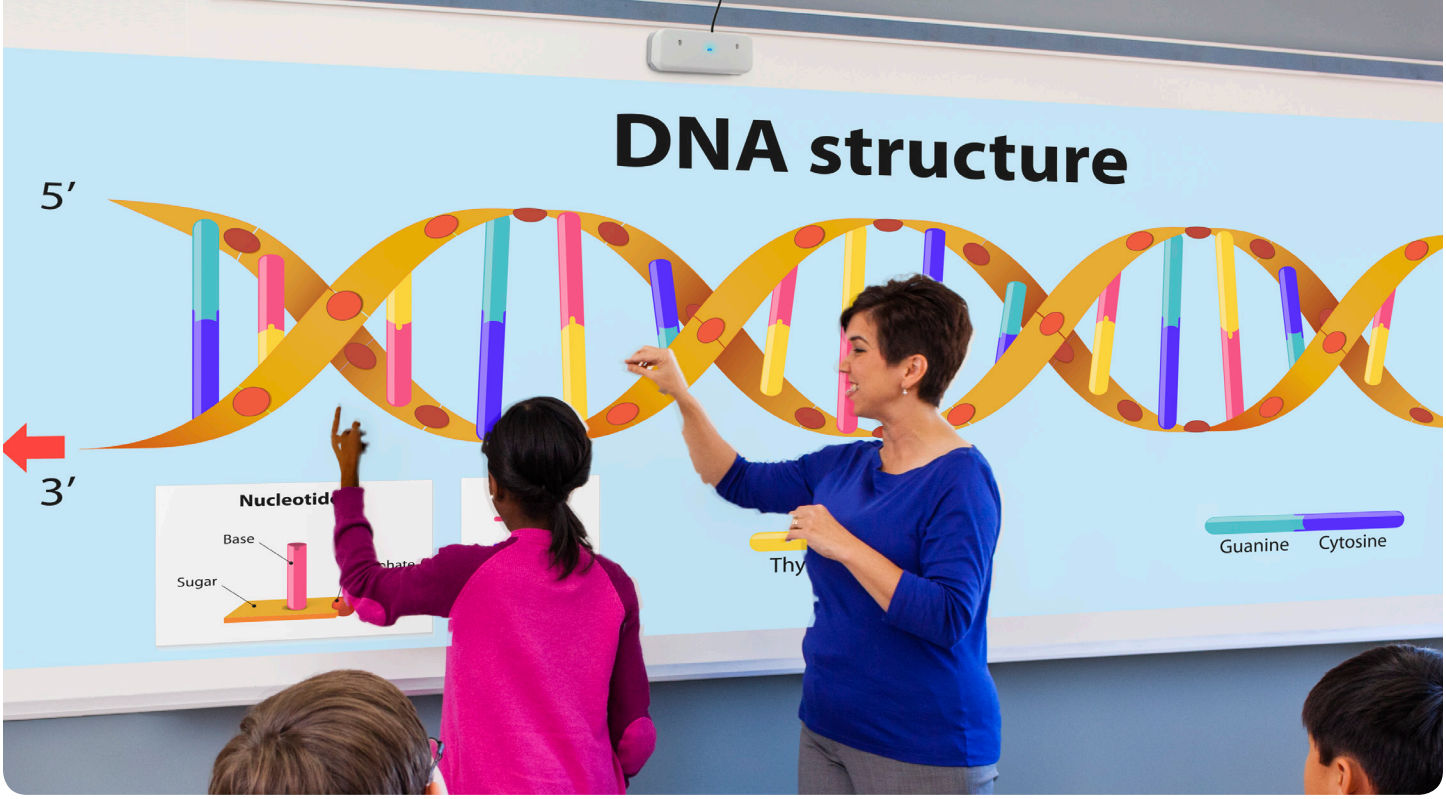

P12 LU laser ultra-wide projector

Lessons come to life, in an interactive area as large as 140 inches wide, with the P12 LU ultra-wide touch projector. The ultra-wide, touch-enabled area allows up to ten students to simultaneously collaborate in beautiful, engaging clarity.

"The P12 LU allows me to have a huge interactive collaborative space for my students – and I still have my whiteboard."

Travis Rink
Science Teacher

Imagine being able to create an interactive area as wide as 140 inches diagonal! Our ultra-wide projector brings large-scale collaboration to the classroom.

The P12 LU ultra-wide projector makes stunning collaborative, 10-touch interactivity* possible!

Its laser illumination saves you time and resources. There's no lamp to fail, no lamp to change. And there's a 20-year laser life span.**

- A full-featured hardware and software solution.
- Comes with easy-to-learn and easy-to-use MimioStudio™ classroom software and the MimioMobile™ app.
- The combination of our software and app enable collaboration and assessment either at the front of the room or on almost any student device.
- A solution that makes it easy to gauge and personalize student learning.
- Use the entire 140-inch space as an interactive collaborative space—maximizing the ability to work with individual students or in small groups.
- Laser projection means no bulbs to change—ever.
- Analog and digital audio/video connections ensure compatibility with virtually any PC.
- Runs on Mac, Windows, and Linux.
- Ethernet LAN connectivity, for central management and control.

Up to ten students can work together on a 140" ultra-wide, interactive, touch-enabled area at the front of the classroom.

To learn more, call 360.464.2119.

* Also available as a pen-only and non-interactive option.
** Defined as a typical school year of 200 days with 5 hours of use per day.

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BOXLIGHT® mimio®

Key Features

Package Contents

P12 LTU laser ultra-wide touch-interactive projector - Projector, AC power cord (4m), HDMI cable (5m), remote control with battery, mini-USB cable (5m), 2 magnetic static pens, laser curtain module, DC power cable for laser curtain, and MimioStudio software license.

P12 LIU laser ultra-wide pen-interactive projector - Projector, AC power cord (4m), HDMI cable (5m), remote control with battery, mini-USB cable (5m), 2 IR pens, and MimioStudio software license.

N12 LNU laser ultra-wide non-interactive projector - Projector, AC power cord (4m), HDMI cable (5m), remote control with battery, and mini-USB cable (5m).

Specifications

OS	Software Requirements	MimioStudio 11.6 or higher on a Windows, Mac, or Linux OS
Display	Brightness	3,100 lumens
	Light Source	Laser Diode x 23
	Laser Life (typical)	20,000 hours
	Native Aspect Ratio	16:6
	Native Resolution	1920 x 720 (16:6)
	Image Size (diagonal)	120 in. - 140 in. / 305 cm - 356 cm
	Keystone Correction	Vertical: ±5°
	Contrast Ratio (typical)	1,800:1 (10,000:1 high contrast)
	Color Reproduction	16.7 million colors (R/G/B 10 bit)
	Projection Lens	f/2.4
	Throw Ratio	Ultra-short throw of 0.25
	Focus Type	Manual
	Projection Technology	Digital Light Processing (DLP), utilizing a 6-segment color wheel.
	Closed Captioning	Based on TI DDP4421 spec, CC1/CC2/CC3/CC4 supported
Audio/Video Connections	Digital A/V Inputs	HDMI x 2
	Video Analog Inputs	- VGA x 1 - VGA in/out switched* x 1 - Composite x 1
	Video Analog Outputs	VGA in/out switched x 1
	Audio Analog Inputs	- Stereo line 3.5 mm x 1 - Stereo line RCA jacks x 1 - Mic level 3.5 mm x 1
	Audio Analog Outputs	Line out 3.5 mm x 1
	Speaker	1 speaker 10 W
Control	LAN	Standard using RJ-45 connector
	LAN Control Protocols	Crestron
	Laser Curtain DC Power	3.5 mm
Mech	Mounting	Front or rear projection, wall, or ceiling mount
	Security	Kensington Lock >20 kg
General	Power Supply	AC 100 – 240 V 50-60 Hz
	Power Consumption (typical)	Full : 335 W±15% ECO : 225 W±15% Standby: < 0.5 W Touch Mode**
	Operating Temperature	5 - 40° C (41 - 104° F)
	Fan Noise	Full mode : 36dBA (typical) / 38dBA (maximum) ECO mode : 32dBA (typical) / 35dBA (maximum)

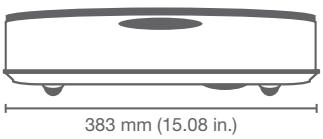
Interactivity***	Interactive/Touch Points	10
	Calibration	Auto/Manual
	Laser Curtain Module	IR Laser 825 nm, 20,000 hrs
	Laser Curtain Power	12V/0.3A from projector
	Visible Laser Curtain Alignment	- Visible light 650 nm - Optical power < 0.39 mW - Dot size at focus point 10 mm
	Whiteboard Non-planarity	<3 mm
	Laser Safety	IEC 60825-1 Class-1
	Interactivity	USB Mini (5m x 1 provided)

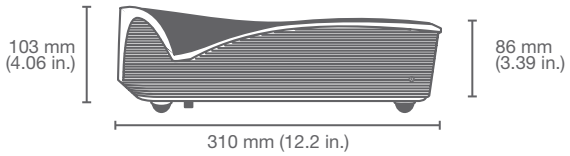
* One connector switchable between VGA in or out.
** LAN/RS-232/VGA out are off.
***Laser Curtain specifications only apply to touch model.

Dimensions and Weight

Projector

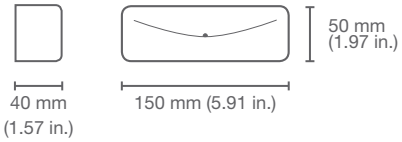
Weight: 5.5 kg
(2.49 lb)



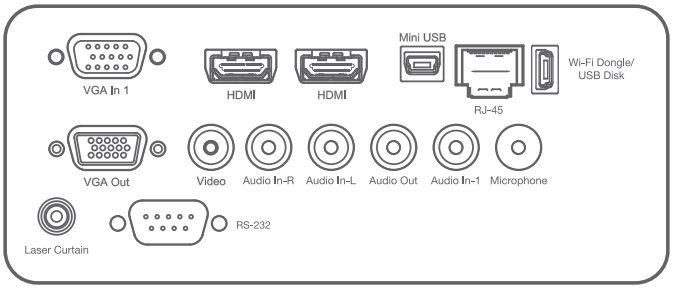


Laser Curtain Module

Weight: .35 kg
(.77 lb)



Connections



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