MimioProjector 320LT laser touch projector

Touch—it's the way the real world works. Now it can be the way your interactive classroom works, too. Touch to draw. Touch to write. Touch to move, scale, and rotate. With up to 10 users working at the same time. All this, plus the reliability of lasers, which means no bulbs to change — ever.

"[MimioProjector] provides educators with an easy-to-use, all-in-one solution that effectively delivers collaborative classroom instruction and meets all my students' needs."

Lynn Reedy
Technology Specialist

What could be more natural than touch?

It's the new standard for smartphones and tablets. It's second nature to today's students, so touch requires almost no training.

The MimioProjector™ 320LT ultra-short-throw projector brings collaborative, 10-touch interactivity to your classrooms with images as large as 115 inches!

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 award-winning MimioStudio™ classroom software and the MimioMobile™ app.
- Software and app enable collaboration and assessment either at the front of room or on almost any student device.
- A solution that makes it easy to gauge and personalize student learning.
- 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 at the front of the classroom with touch interactivity.

To learn more, visit mimio.com/mimioprojector320 or call 877.MY.MIMIO.

mimio®
a better way to learn

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Key Features

Package Contents

Projector, with integrated IR camera, Laser Curtain module with DC power cord-2m, 2 passive styli, MimioStudio software license, power cord-4m, HDMI VGA cable-5m, mini-USB cable-5m, remote with battery, wall mount.

Specifications

OS	Software Requirements	MimioStudio 11.6 or higher on a Windows, Mac, or Linux OS
Display	Brightness	3,300 lumens
	Light Source	Laser Diode x 23
	Laser Life (typical)	20,000 hours
	Native Aspect Ratio	16:10
	Native Resolution	WXGA 1280 x 800
	Image Size (diagonal)	85" - 115" (2.16 m - 2.92 m)
	Keystone Correction	Vertical: ±5°
	Contrast Ratio (typical)	1,800:1
	Color Reproduction	1.07 billion colors (R/G/B 10 bit)
	Color Uniformity	Δu'v' ≦0.03
	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
	3D	DLP Link 3D and HDMI 1.4a 3D
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	8 Watts x 2 stereo (16 W total)
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, ceiling, or table mount**
	Security	Kensington Lock >36 kg
General	Power Supply	AC 100 – 240 V 50-60 Hz
	Power Consumption (typical)	- Normal Mode: 350 W - ECO Mode: 290 W - Standby: < 0.5 W Touch Mode***
	Operating Temperature	5 - 40° C (41 - 104° F)
	Fan Noise	Full mode: 37±2dB (A), w/o filter ECO mode: 33±2dB (A), w/o filter

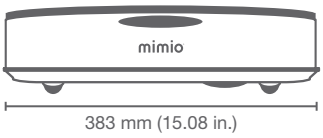
Interactivity	Touch Points	10
	Calibration	Auto/Manual
	Laser Curtain Module	IR Laser 825 nm, 20,000 hrs
	Laser Curtain Power	12V/0.3A from proijector
	Visible Laser Curtain Alignment	- Visible light 650 nm - Optical power < 0.39 mW - Dot size at focus point 10 mm
	Whiteboard Non-planarity	<3 mm
	Laser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

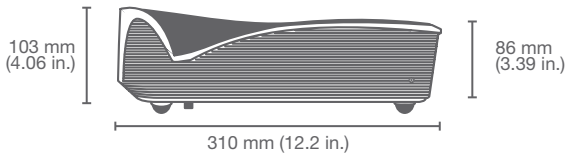
* One connector switchable between VGA in or out.
** Ceiling and table mount require third-party bracket.
*** LAN/RS232/VGA out are off.

Dimensions and Weight

Projector

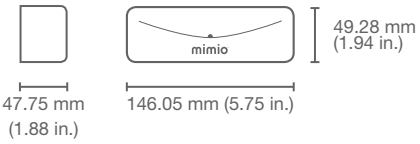
Weight: 8 kg
(17.6 lb)



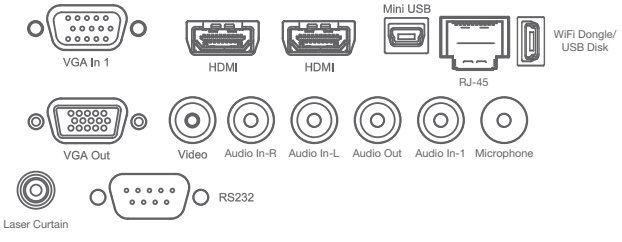


Laser Curtain Module

Weight: .35 kg
(.77 lb)



Connections



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