P12 BT interactive 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. Collaboration made brilliant.

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

The P12B ultra-short-throw projector brings collaborative, 10-touch interactivity** to your classrooms, with images as large as 110 inches!

- Complete education solution—comes with easy-to-learn and easy-to-use MimioStudio™ classroom software.

- Software and MimioMobile™ 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 Curtain Touch Module is powered directly from the projector—no extra wires or complicated installation.

- Analog and digital audio/video connections ensure compatibility with virtually any PC.

- Ethernet LAN connectivity for central management and control.

> "[P12 BT] is an all- in-one solution to effectively deliver classroom instruction and collaboration."
>
> **Tricia Fontenot, Third-Grade Teacher**

To learn more, visit mimio.boxlight.com/interactiveprojector or call 866.972.1549.

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MimioStudio software–so easy to use and engaging, your teachers will use it every day.

The MimioTeach™ interactive whiteboard includes the dynamic MimioStudio classroom software. It connects the Boxlight products, so using other tools—from the document camera to the pen tablet—is quick and easy. MimioStudio software allows educators to create interactive lessons and collaborative activities, and perform real-time formative assessment. **Take learning even further with our MimioMobile app, which brings group learning and collaboration to almost any device.**

Specifications

OS	Software Requirements	MimioStudio 11.6 or higher on a Windows, Mac, or Linux OS
Display	Brightness	4,000 lumens (2,800 eco)
	Light Source	260 W Philips halogen
	Lamp Life (typical)	3500 hr (standard) / 4000 hr (eco)
	Native Aspect Ratio	16:10
	Native Resolution	WXGA 1280 x 800
	Image Size (diagonal)	80 in. - 110 in. / 203 cm - 279 cm
	Keystone Correction	Vertical: ±10°
	Contrast Ratio (typical)	1,800:1 (10,000:1 high contrast)
	Color Reproduction	1.07 billion colors (R/G/B 10-bit)
	Color Uniformity	Δu'v' $\leqq$0.03
	Projection Lens	f/2.4
	Throw Ratio	Ultra-short throw of 0.27
	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	1 speaker 10 W

Control	LAN	Standard using RJ-45 connector
	LAN Control Protocols	Crestron
	Laser Curtain DC Power	3.5 mm
	Service and Network	RS-232, RJ45, mini-USB (shared with interactive)
Mech	Mounting	Front or rear projection, wall, ceiling, or table mount**
	Security	Kensington Lock >20 kg
General	Power Supply	AC 100–240 V 50-60 Hz
	Power Consumption (typical)	Normal mode: 330 W ECO mode: 210 W Standby: < 0.5 W Touch Mode***
	Operating Temperature	5-40° C (41-104° F) non-condensing
	Fan Noise	Full mode : 36dBA (typical) / 38dBA (maximum) ECO mode : 32dBA (typical) / 35dBA (maximum)
	Certifications	UL and FCC
Interactivity*****	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

* One connector switchable between VGA in or out.
** Ceiling and table mount require third-party bracket.
*** LAN/RS-232/VGA out are off.
**** Multi-touch works on Windows only.
*****Laser Curtain specifications only apply to touch model.

What's in the Box

P12 BTW 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 BIW 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 BNW non-interactive projector
Projector, AC power cord (4m), HDMI cable (5m), remote control with battery, and mini-USB cable (5m).

Support You Can Count On

We know how important it is to feel confident in the tools you use every day, so we make sure you can count on our products and service. We offer flexible training resources, our MimioConnect™ online educator community, and US-based in-house, dedicated product specialists. Email, chat, or call us 24/7/365 and we will be there to support you.

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Specifications subject to change without notice.