



# MimioProjector 280T touch projector

Who says you can't have it all? If you're interested in an easy and affordable way to bring touch-enabled collaborative learning into the classroom, get the MimioProjector™ touch projector. Now you can turn your conventional dry erase boards into touch boards!

“[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

You know your students live in a world of touch technology. So you know technology can help hold their attention. But you have a budget. If your classrooms already have dry erase boards but don't have projectors, the MimioProjector touch projector lets you bring collaborative 10-touch interactivity into your classrooms, without breaking the bank.

- An affordable way to bring multi-touch, interactive collaborative learning into classrooms that don't have projectors.
- Creates an interactive touch area as large as 100 in. diagonal. Allows up to 10 single-point touches or 5 dual-point touches with gestures.
- A full-featured solution that includes

MimioStudio™ classroom software.

- A true HDMI experience, with stunning images and audio – no need for separate speakers.
- Using styli or finger touch, multiple students can simultaneously interact with the same projected image, enhancing collaborative learning.
- Laser Curtain Module is powered directly from the projector – no extra wires or complicated installation.
- Easy alignment – takes less than a minute with the *Visible Light Alignment* feature.
- Bulb can be replaced without dismantling the MimioProjector device. Up to 5000 hours between bulb replacements.



Styli (included) or finger-touch capable. Sharp WXGA images.

Contact your local Mimio representative.

# Key Features

## Package Contents

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

## Specifications

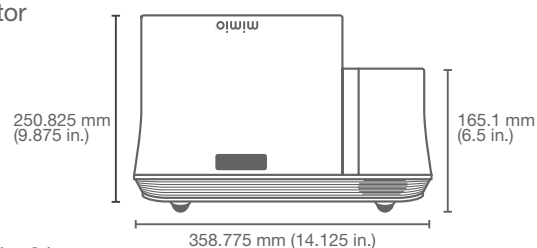
<b>Software Requirements</b>	MimioStudio 11 and higher on a Windows, Mac, or Linux OS
<b>Brightness</b>	3100 lumens
<b>Lamp</b>	280 Watt OSRAM E20.9n (replaceable without dismounting projector)
<b>Lamp Life*</b>	Normal mode: 3000 hours minimum. Eco mode: 5000 hours minimum.
<b>Native Aspect Ratio</b>	16:10. Also supports 4:3 and 16:9 aspect ratios.
<b>Native Resolution</b>	1280 x 800 (WXGA)
<b>Image Size Supported</b>	WXGA 16:10, 70" - 100"
<b>Keystone Correction</b>	Vertical: ±15 degrees (manual)
<b>Contrast Ratio</b>	Native 2000:1
<b>Color Reproduction</b>	1.07 billion colors (R/G/B 10 bit)
<b>Color Temperature</b>	Adjustable from 6500° K - 8300° K
<b>Color Uniformity</b>	- ΔU*V  < 0.03
<b>Projection Lens</b>	F 2.6 fixed zoom
<b>Throw Ratio Range</b>	WXGA 0.35
<b>Zoom Ratio</b>	Digital zoom 1.0 – 2.0X
<b>Focus Type</b>	Manual
<b>Projection System</b>	Digital Light Processing (DLP), utilizing a 6-segment color wheel.
<b>Projection Method</b>	Front / Wall Mount, Tabletop Mount
<b>Input Signal</b>	NTSC/PAL/SECAM video capability with S-video / composite / YPbPr Component
<b>Resolutions</b>	1080p/UXGA/WXGA/XGA/SVGA/MAC compatibility
<b>Video Inputs</b>	1 HDMI, 2 VGA, 1 S-video, 1 composite analog
<b>LAN Control Protocols</b>	Creston/AMX/PJ Link
<b>Closed Captioning</b>	Based on TI DDP4421 spec, CC1/CC2/CC3/CC4 supported
<b>3D Capabilities</b>	DLP Link 3D and HDMI 1.4a 3D supported
<b>Audio</b>	Two 3.5-mm stereo line level, two stereo RCA jack line level, one 3.5-mm audio out, one 3.5-mm microphone.
<b>Input sensitivity</b>	1 kHz, 0.5 Vrms sine wave
<b>Speaker</b>	8 watts stereo (16 watts total output)
<b>Operating Temperature</b>	5 - 40° C (41 - 104° F)
<b>Humidity</b>	Operating and Storage: 80% RH (Max.), Non-condensing
<b>Fan Noise</b>	Full mode: 37±2dB (A), w/o filter ECO mode: 33±2dB (A), w/o filter

\* Lamp life will vary depending upon environmental conditions and usage. Lamp brightness decreases over time.

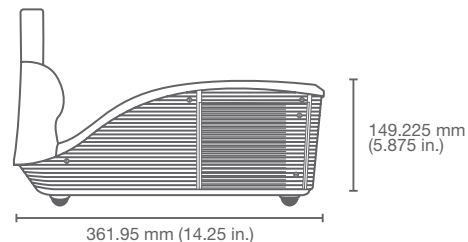
<b>Power Supply Voltage</b>	Universal AC 100 – 240 V-50-60 Hz with PFC input
<b>Power Consumption</b>	Normal Mode: 350 W+/-10%@110 VAC ECO Mode: 290 W+/-10%@110 VAC Standby: < 0.5 W Touch Mode: + 12 V/2A (LAN/RS232/VGA out are off) meets ErP 2017 Lot 26
<b>Touch Points</b>	10
<b>Calibration</b>	Auto / Manual 4 points
<b>Hover Z depth</b>	4.5 mm
<b>Minimum Styli Diameter</b>	9.6 mm
<b>Laser Curtain Module</b>	IR Laser 825 nm, 20,000 hrs
<b>Laser Curtain Module Power Supply</b>	12 V/0.3A from projector
<b>Laser Alignment</b>	Visible light 650 nm
<b>Whiteboard Non-Planarity</b>	< 3 mm
<b>Laser Safety</b>	IEC 60825-1 Class-1
<b>Interactive Devices</b>	Stylus or finger
<b>Interactive Connectivity</b>	Mini-USB cable (provided)
<b>Visible Alignment Lasers (3 adjustment levels)</b>	Wavelength 650 nm (nanometers) Optical power < 0.39 mW (milliwatt) Dot size at focus distance 10 mm
<b>Security</b>	Kensington lock ≥36 Kg

## Dimensions and Weight

### Projector



Weight: 8 kg (17.6 lb)



### Laser Curtain Module

Weight: .35 kg (.77 lb)

