

# P9 WX33NST | Pen Interactive

Make interactivity a reality for your classrooms with multiple students working together at the same time in an interactive area as large as 100 inches. Enjoy brilliant WXGA images on a budget that would be impossible with flat panel display of comparable size.



## Features

- 3,300 lumens, short throw 0.46:1
- Collaborative learning with up to 5 pens/students simultaneously working together
- Includes MimioStudio™ classroom software with 3-device MimioMobile™ license
- Multiple inputs, including 2 HDMI ports
- USB display for PC-less presentation
- Keystone correction: H/V, Auto, 4-Corner, Pincushion, Barrel

## Specifications

Display	
Brightness	3,300 lumens (2,300 eco)
Light Source	218W Phillips, low-pressure mercury vapor
Lamp Life (typical)	4,000 hrs. (standard); 10,000 hrs. (eco)
Native Aspect Ratio	16:10 (standard); 4:3 (compatible)
Native Resolution	WXGA 1,280 x 800
Supported Resolution	Up to WUXGA 1,920 x 1,200
Image Size (diagonal)	50 in. ~ 100 in. / .484 m ~ 1.004 m
Keystone Correction	V: $\pm 15^\circ$ (auto and manual) H: $\pm 15^\circ$ (manual) Pincushion/Barrel Correction Corner Keystone
Contrast Ratio (typical)	10,000:1 (with IRIS and eco mode)
Color Reproduction	1.07 billion
Color Uniformity	80%
Projection Lens	f=1.8
Projection Lens	f=6.08
Zoom Ratio	N/A
Throw Ratio	.46:1
Focus Type	Manual
Projection Technology	3 x 0.59 in. LCD (Liquid Crystal Display)

Closed Captioning	CC1, CC2, CC3, CC4
<b>Audio/Video Connections</b>	
Digital A/V Inputs	<ul style="list-style-type: none"> <li>- HDMI x 2 (1 x MHL) Mobile High-Definition Link</li> <li>- USB-A               <ol style="list-style-type: none"> <li>1. Memory card viewer</li> <li>2. Wi-Fi dongle (optional accessory)</li> </ol> </li> <li>- USB-B</li> <li>- LAN x 1 (also control)</li> </ul>
Video Analog Inputs	<ul style="list-style-type: none"> <li>- VGA x 1 (also YCbCr/component, S-Video)</li> <li>- VGA x 1 (switched in/out)</li> <li>- Video x 1</li> </ul>
Video Analog Outputs	<ul style="list-style-type: none"> <li>- VGA x 1 (switched in/out)</li> </ul>
Audio Analog Inputs	<ul style="list-style-type: none"> <li>- RCA L/R (mono) x 1</li> <li>- 3.5mm x 1</li> </ul>
Audio Analog Outputs	<ul style="list-style-type: none"> <li>- 3.5mm x 1</li> </ul>
Speaker	10 W x 1
Interactive	Mini-USB
<b>Control</b>	
Control	<ul style="list-style-type: none"> <li>- RJ45 x 1 (shared with video)</li> <li>- RS-232C</li> </ul>
LAN Control Protocols	<ul style="list-style-type: none"> <li>- Crestron RoomView</li> <li>- AMX Discovery</li> <li>- PJ Link</li> </ul>
Service/Network	USB-B x 1 (shared with video)
<b>Interactive - Pen</b>	
IR Band	940 nm
Interactive Points	Windows: Up to 5 pens; MAC: 1 pen
Working Size	50 ~ 110"
<b>System Requirements</b>	
OS supported	<ul style="list-style-type: none"> <li>- Microsoft Windows 7 / Windows 8 / Windows 10 (.NET Framework 4.0 installation is required)</li> <li>- Mac OS X v10.8 to 10.12</li> </ul>

Processor Type	Intel Core™ i3 (Windows); Intel (Mac)
RAM	2 GB or More
Min. HDD Space	350 MB
<b>Mechanical</b>	
Mounting	Table/ceiling, front/rear
Security	<ul style="list-style-type: none"> <li>- Security bar</li> <li>- Password</li> <li>- Control panel lock</li> <li>- Kensington lock</li> </ul>
<b>General</b>	
Power Supply	100~240V @ 50/60Hz
Power consumption	<ul style="list-style-type: none"> <li>- 270 W (typical)</li> <li>- &lt;0.5 W (eco standby)</li> <li>- &lt;3 W (network standby)</li> </ul>
Fan Noise Max	34.9dB (eco) 38.9dB (normal)
Lamp Access	Top
Filter Access	Side
<b>Environmental</b>	
Operating Temperature	0°C ~ 40°C (35°C ~ eco)
Storage Temperature	-20°C ~ 60°C
Operating Humidity	20% ~ 85%
Storage Humidity	10% ~ 85%
<b>Dimensions and Weight</b>	
Product Dimensions	347 mm x 257 mm x 109 mm (13.66 in. x 10.12 in. x 4.3 in.)
Net Weight	3.2 kg (7.1 lbs.)

Packaged Dimensions	445 mm x 385 mm x 190 mm (18 in. x 15.2 in. x 7.5 in.)
Gross Weight	4.5 kg (10 lbs.)
<b>Safety</b>	
Certifications	TUV, CE, CB, FCC

## What's in the box:

### Hardware

- Remote control with batteries
- 2 IR pens

### Documentation

- MimioStudio Download Card
- Warranty card
- QuickStart Guide
- CD User manual

### Cables

- HDMI cable (2 m)
- US power cord (2 m)
- Mini-USB to USB-A (2 m)

### Options

- Lamps for Life
- ALLIN1-980 universal ceiling mount
- USB-Wi-Fi wireless USB adapter
- Extendable wand

Specifications are subject to change without notice.

## Drawings

