



P12 LIWH Projector

Deliver engaging instruction and have multiple students work together on large, brilliantly projected lessons. Complete education solution—comes with easy-to-learn and easy-to-use MimioStudio™ classroom software. Never have to change another bulb—ever.



Features

- New – increased brightness! Now 4,100 lumens (was 3,700 lumens)
- New – corner pinning, speeds setup by making alignment “drag-and-drop!”

Specifications

| Display | |
|--------------------------|--|
| Brightness | 4,100 lumens (2,850 eco) NEW higher brightness!!! |
| Light Source | Laser Diode x 23 |
| Laser Life (typical) | 20,000 hours |
| Native Aspect Ratio | 16:10 |
| Native Resolution | WXGA 1,280 x 800 |
| Image Size (diagonal) | 85 in. - 115 in. / 216 cm - 292 cm |
| Keystone Correction | V: $\pm 5^\circ$, H: $\pm 5^\circ$, 4-Corner Keystone adjustment NEW – corner pinning!!! |
| Contrast Ratio (typical) | 1,800:1 (10,000:1 high contrast) |
| Color Reproduction | 1.07 billion |
| Color Uniformity | $\Delta u'v' \leq 0.03$ |
| Projection Lens | f=2.4 |
| Throw Ratio | Ultra-short throw of 0.27:1 |
| 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 (1 x MHL) Mobile High-Definition Link |
| Video Analog Inputs | - VGA x 1 - VGA in/out switched* x 1 - Composite x 1 |

| | |
|----------------------|---|
| Video Analog Outputs | - VGA x 1 (switched in/out)* |
| 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 | - 3.5mm x 1 |
| Speaker | 10 W x 1 |
| Control | RS232 / RJ-45*** |
| USB | Type-A female (media display) |

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 |

System Requirements

| | |
|----------------|---|
| OS Supported | - Microsoft Windows 7 / Windows 8 / Windows 10 (.NET Framework 4.0 installation is required) - Mac OS X v10.8 to 10.12 |
| Processor Type | Intel Core™ i3 (Windows); Intel (Mac) |
| RAM | 2 GB or More |
| Min. HDD Space | 350 MB |

Mechanical

| | |
|----------|------------------------------|
| Mounting | Table/ceiling, front/rear ** |
| Security | Kensington Lock >20 kg |

General

| | |
|--------------|--------------------|
| Power Supply | 100~240V @ 50/60Hz |
|--------------|--------------------|



| | |
|------------------------------|---|
| Power Consumption (typical) | Normal mode: 330 W ECO mode: 210 W Standby: < 0.5 W (LAN/RS-232/VGA out are off) |
| Fan Noise Max | Full mode : 36dBA (typical) / 38dBA (maximum) ECO mode : 33dBA (typical) / 35dBA (maximum) |
| Environmental | |
| Operating Temperature | 5-40° C (41-104° F) non-condensing |
| Dimensions and Weight | |
| Product Dimensions | 383 mm W x 103 mm H x 310 mm D (15.08 in x 4.06 in. x 12.2 in.) |
| Net Weight | 8 kg (17.6 lb) |
| Packaged Dimensions | 508 mm W x 330 mm H x 432 mm D (20 in x 17 in x13 in) |
| Gross Weight | 9.3 kg (20.5 lb) |
| Safety | |
| Certifications | UL and FCC |



What's in the box:

Hardware

- Projector
- Remote control with battery
- 2 IR Stylus

Documentation

- Warranty
- MimioStudio Software License

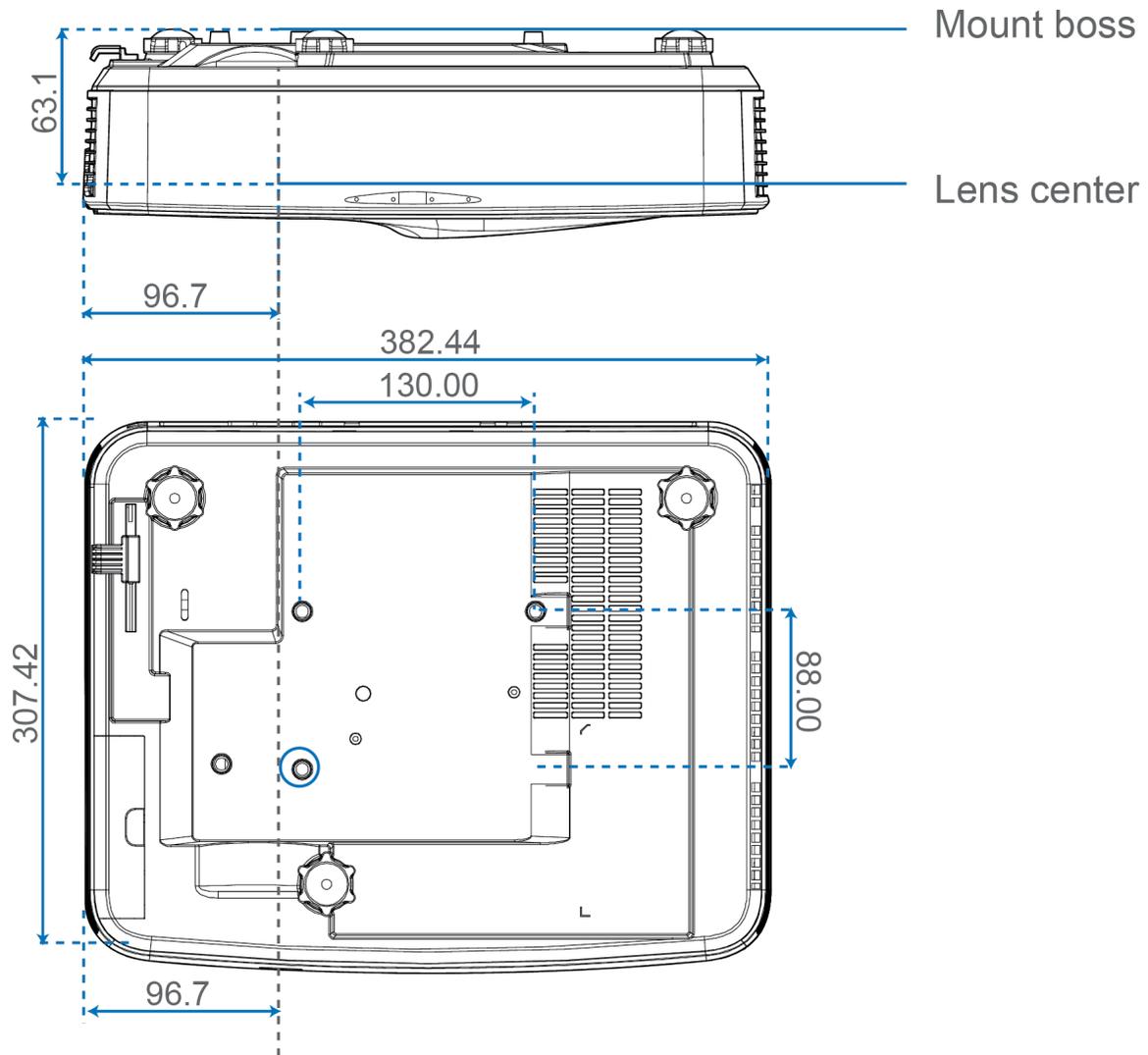
Cables

- AC power cord (4m)
- HDMI cable (5m)
- Mini-USB cable (5m)

Options

- Wall Mount

Technical drawings:



Specifications are subject to change without notice.

- * 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.