

LightStream® Full HD 1080p Projector

True-to-Life Color + Smart Design

PJD7831HDL



Featuring true-to-life color and a smart design, the ViewSonic® LightStream® PJD7831HDL 1080p projector delivers all you need for high-definition multimedia in the classroom, or at the office. Equipped with SuperColor™ technology and a high-brightness output, this projector strikes a perfect balance of color and light so that movies, lesson plans, and presentations are brought to life – even in rooms with high ambient light. And with stunning 1080p resolution, the PJD7831HDL delivers perfect front of screen performance that can match the image quality of any Full HD TV screen or laptop. A smart and intuitive design includes PortAll™—a hidden MHL/HDMI port perfect for wireless dongles (such as the optional ViewSonic WPG-300) that let you wirelessly stream multimedia content from a mobile device, or notebook PC, to the projector. So whether projecting content from a notebook, or wirelessly streaming content from a tablet, the PJD7831HDL is the ideal projector for vibrant multimedia entertainment and high-definition presentations.

Key Features:

- Best-in-class color accuracy
- Full HD 1080p, 3200 Lumens
- Enhanced sound
- Secure MHL/HDMI port
- Smart design

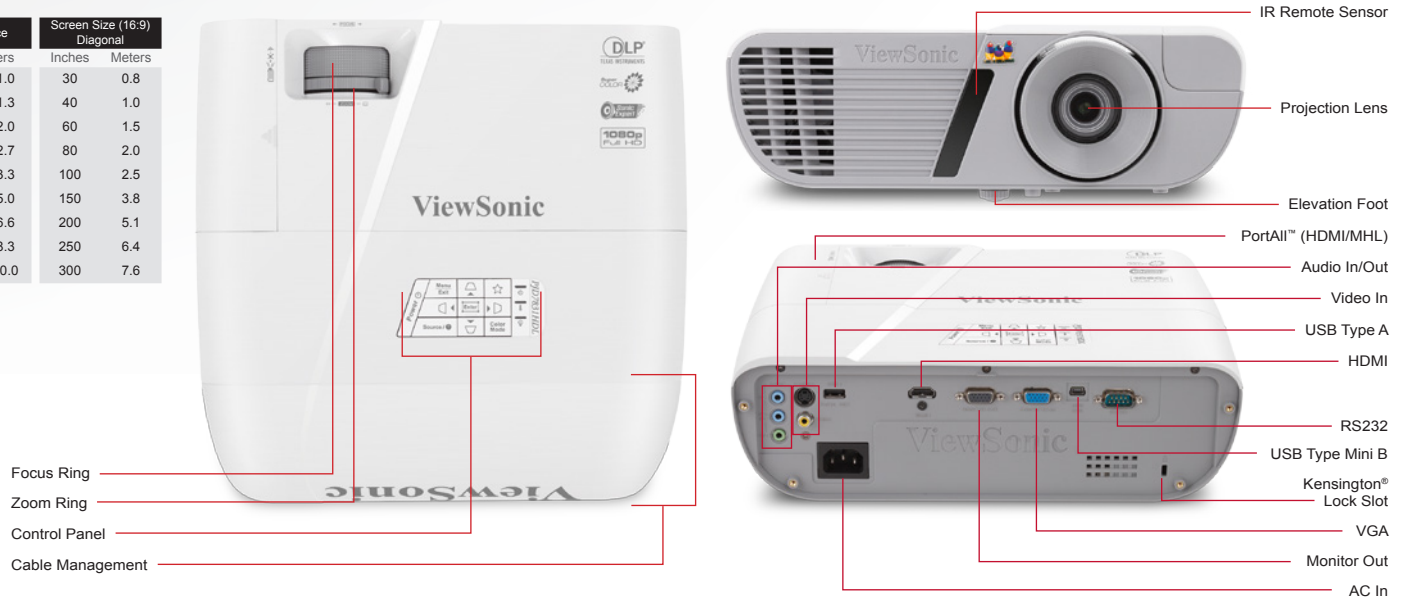
Designed for:

- Business
- Education

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| Projection Distance | | Screen Size (16:9) Diagonal | |
|---------------------|----------|-----------------------------|--------|
| Inches | Meters | Inches | Meters |
| 30-39 | 0.8-1.0 | 30 | 0.8 |
| 40-52 | 1.0-1.3 | 40 | 1.0 |
| 60-78 | 1.5-2.0 | 60 | 1.5 |
| 80-105 | 2.0-2.7 | 80 | 2.0 |
| 100-131 | 2.6-3.3 | 100 | 2.5 |
| 150-196 | 3.8-5.0 | 150 | 3.8 |
| 200-261 | 5.1-6.6 | 200 | 5.1 |
| 251-327 | 6.4-8.3 | 250 | 6.4 |
| 301-392 | 7.6-10.0 | 300 | 7.6 |



Specifications

| | | |
|----------------------|---------------------------------|--|
| DISPLAY | Type | 0.65" Digital Micromirror Device (DLP™) |
| | Resolution | 1920 x 1080 (native) |
| | Lens | 1.3x manual optical zoom / manual optical focus |
| | Keystone | Vertical (± 30°) / Horizontal (± 30°) |
| | Size | 30 – 300 in. / 0.76 – 7.62 m (diagonal) |
| | Throw Distance | 4.2 – 49.9 ft. / 1.29 – 14.28 m |
| | Throw Ratio | 1.15~1.5:1 |
| | Lamp | 210 watt |
| | Light Life | 4000 / 10000* (Normal / Eco-mode) |
| | Brightness | 3200 lm |
| Contrast Ratio | 22,000:1 (DynamicEco mode) | |
| Aspect Ratio | 16:9 (native) | |
| Color Depth | 30 bits, 1.07B Color (10+10+10) | |
| INPUT SIGNAL | Computer and Video | NTSC M(3.58MHz), 4.43MHz, PAL (B, D, G, H, I, M, N, 60), SECAM (B, D, G, L, L1), SD 480i and 576i, ED 480p and 576p, HD 720p, 1080i, 1080p |
| | Frequency | Fh: 15–100KHz, Fv: 24–120Hz |
| COMPATIBILITY | PC | Up to 1920x1080 |
| | Mac® | Up to 1920x1080 (may require MAC adapter) |
| CONNECTOR | Digital Input | HDMI 1.4 (x1) / HDMI/MHL (x1) |
| | RGB Input | 15-pin mini D-Sub (x2) |
| | Composite Input | RCA jack (x1) |
| | Audio In | 3.5mm mini jack (x2) |
| | Audio Out | 3.5mm mini jack (x1) |
| | Video Out | 15-pin mini D-Sub (x1) |
| | USB | Type A (power charging) |
| | Control | Mini type B (mouse control and maintenance) |
| | Control | RS232 |

| | | |
|-------------------------------|-------------------|--|
| AUDIO | Speaker | 10W (x1) |
| NOISE LEVEL | Normal / Eco-mode | 35 dB / 30 dB |
| POWER | Voltage | 100~240VAC (Auto Switching), 50-60Hz (universal) |
| | Consumption | 330W (max) / <0.5W (stand-by mode) |
| CONTROLS | Basic | Power, keystone/arrow keys, left/blank, menu/exit, right/panel key lock, mode/enter, auto, source |
| | OSD | Display, Picture, Source, System Setup (Basic), System Setup (Advanced), Information (See user guide for full OSD functionality) |
| OPERATING CONDITIONS | Temperature | 32–104° F (0–40° C) |
| | Humidity | 10–90% (non-condensing) |
| | Altitude | 0–6000 ft (1828.8m) |
| DIMENSIONS (W x H x D) | Physical | 12.44 x 8.98 x 4.08 in. / 316 x 228 x 103.7 mm |
| | Packaging | 16.14 x 8.86 x 17.72 in. / 410 x 225 x 450 mm |
| WEIGHT | Net | 5.3 lb. / 2.4 kg |
| | Gross | 9.3 lb. / 4.2 kg |
| REGULATIONS | | CB, CCC, cTUVus, CE, FCC, C-Tick, RoHS, RECH, SVHC, WEEE, ErP, EAC, TUV-S Mark (Argentina), KCC, KC, SASO, CECP |
| WARRANTY | | 3-year limited warranty on parts and labor, 1-year limited warranty on lamp, 1st year free Express Exchange® service** |

Optional Accessories (Sold Separately)

| | |
|---|-------------|
| Wireless Presentation Gateway | ViewSync 3 |
| Wireless Presentation Gateway Dongle..... | WPG-300 |
| 3D Active Shutter Glasses..... | PGD-350 |
| Universal Ceiling Mount..... | PJ-WMK-006 |
| Carrying Case..... | PJ-CASE-008 |
| Replacement Lamp | RLC-100 |

What's in the box?

PJD7831HDL projector, power cable, VGA cable, remote control (batteries included), Quick Start Guide, ViewSonic Wizard CD (with User Guide)



ViewSonic Corporation's QMS & EMS have been registered to ISO 9001 & ISO 14001, respectively, by TUV NORD.