

# LightStream™ Full HD 1080p Projector

True-to-Life Color + Smart Design

**PJD7830HDL**



Featuring true-to-life color and a smart design, the ViewSonic® LightStream PJD7830HDL 1080p projector delivers all you need for high-definition multimedia at home, 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 and video games, lesson plans, and presentations are brought to life – even in rooms with high ambient light. And with stunning 1080p resolution, the PJD7830HDL 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 that lets you plug in the optional WPG-300 and wirelessly stream multimedia content from a mobile device or notebook PC to the projector. So whether projecting movies from a Blu-ray player, or wirelessly streaming content from a tablet, the PJD7830HDL is the ideal projector for vibrant multimedia entertainment and high-definition presentations.

## Key Features:

SuperColor™ technology delivers superior, richer, true-to-life colors

1080p resolution, up to 3,200 ANSI lumens, and 22,000:1 contrast ratio

SonicExpert™ technology powers 16W cube speaker for enhanced sound

Smart design includes PortAll™ MHL/HDMI compartment, tactile keypad, top lamp door, and cable management system

Dual 3D Blu-ray ready HDMI inputs

## Designed for:

Home

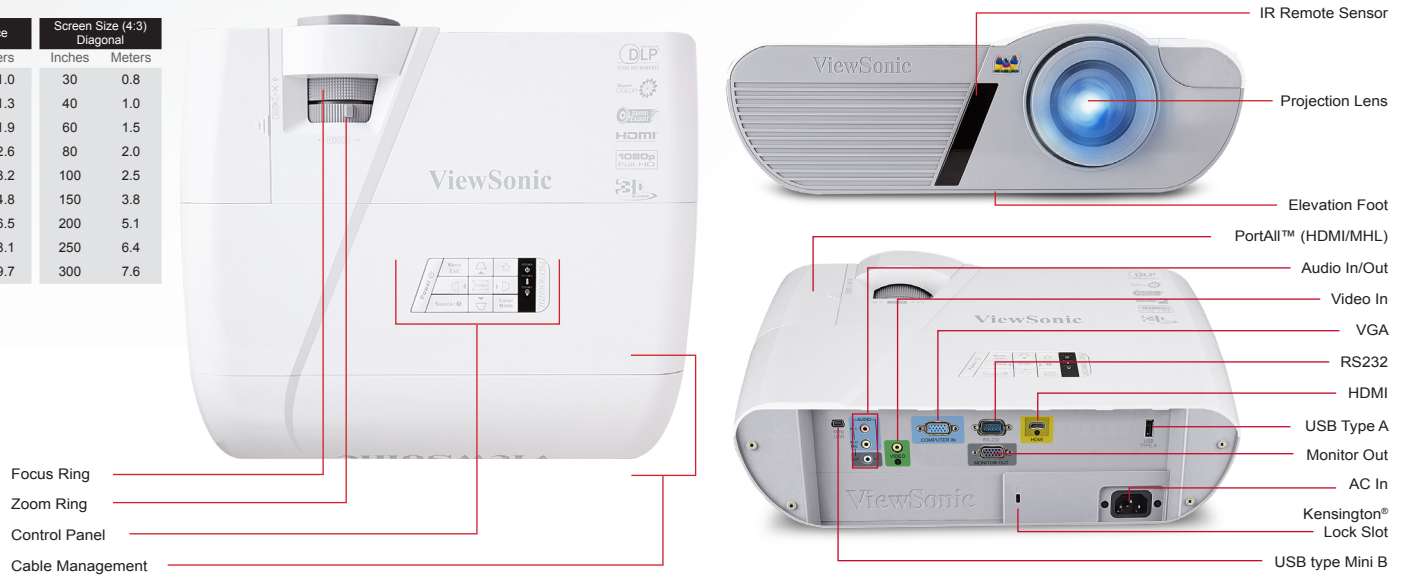
Education

Business

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| Projection Distance |         | Screen Size (4:3)<br>Diagonal |        |
|---------------------|---------|-------------------------------|--------|
| Inches              | Meters  | Inches                        | Meters |
| 28-38               | 0.7-1.0 | 30                            | 0.8    |
| 37-51               | 1.0-1.3 | 40                            | 1.0    |
| 56-76               | 1.4-1.9 | 60                            | 1.5    |
| 75-102              | 1.9-2.6 | 80                            | 2.0    |
| 94-127              | 2.4-3.2 | 100                           | 2.5    |
| 140-191             | 3.6-4.8 | 150                           | 3.8    |
| 187-254             | 4.8-6.5 | 200                           | 5.1    |
| 234-318             | 5.9-8.1 | 250                           | 6.4    |
| 281-381             | 7.1-9.7 | 300                           | 7.6    |



## Specifications

|                               |  |  |
|-------------------------------|--|--|
| <b>DISPLAY</b>                | Type   | 0.65" Digital Micromirror Device (DLP™)  |
|                               | Resolution   | 1920 x 1080 (native)   |
|                               | Lens   | 1.36x manual optical zoom / manual optical focus   |
|                               | Keystone   | Vertical (± 30°) / Horizontal (± 30°)  |
|                               | Size   | 30 – 300 in. / 0.76 – 7.62 m (diagonal)  |
|                               | Throw Distance   | 2.3 – 31.8 ft. / 0.7 – 9.7 m   |
|                               | Throw Ratio  | 1.1–1.5:1  |
|                               | Lamp   | 220 watt   |
|                               | Light Life   | 3500 / 8000* (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)  |
| <b>INPUT SIGNAL</b>           | 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  |
| <b>COMPATIBILITY</b>          | PC   | Up to 1920x1080  |
|                               | Mac®   | Up to 1920x1080 (may require MAC adapter)  |
| <b>CONNECTOR</b>              | Digital Input  | HDMI 1.4 (x1) / HDMI/MHL (x1)  |
|                               | RGB Input  | 15-pin mini D-Sub (x1)   |
|                               | 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   |
|                               | Control  | Mini type B (mouse control and maintenance) RS232  |
| <b>AUDIO</b>                  | Speaker  | 16W (x1)   |
|                               | NOISE LEVEL  | Normal / Eco-mode 32 dB / 28 dB  |
| <b>POWER</b>                  | Voltage  | 100–240VAC (Auto Switching), 50-60Hz (universal)   |
|                               | Consumption  | 315W (max) / <0.5W (stand-by mode)   |
| <b>CONTROLS</b>               | 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)           |
| <b>OPERATING CONDITIONS</b>   | Temperature  | 32–104° F (0–40° C)  |
|                               | Humidity   | 10–90% (non-condensing)  |
|                               | Altitude   | 0–6000 ft (1828.8m)  |
| <b>DIMENSIONS (W x H x D)</b> | Physical   | 14.25 x 4.29 x 9.09 in. / 362 x 109 x 231 mm   |
|                               | Packaging  | 20.47 x 14.96 x 6.5 in. / 520 x 380 x 165 mm   |
| <b>WEIGHT</b>                 | Net  | 6.2 lb. / 2.8 kg   |
|                               | Gross  | 10.1 lb. / 4.6 kg  |
| <b>REGULATIONS</b>            | CB, TUV-GS, UL, CCC, CE, FCC, C-tick, RoHS, REACH, SVHC, WEEE, ErP, EAC, UkrSEPRO/EMC DOC, UL COC, TUV-S Mark (Argentina), PSB, KCC, KC, SASO, CEC |  |
|                               |  |  |
| <b>WARRANTY</b>               |  | 3-year limited warranty on parts and labor, 1-year limited warranty on lamp, 1st year free Express Exchange® service**                     |
|                               |  |  |

## Optional Accessories

|  |             |
|--|-------------|
| Wireless Presentation Gateway Dongle ..... | WPG-300     |
| 3D Active Shutter Glasses.....             | PGD-350     |
| Ceiling Mount Kit .....                    | WMK-005     |
| Projector Carrying Case .....              | PJ-CASE-009 |
| Replacement Lamp .....                     | RLC-095     |
| Cable Management .....                     | PJ-CM-004   |

## What's in the box?

PJD7830HDL projector, power cable, VGA cable, remote control with batteries, 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.

\*Lamp life may vary based on actual usage and other factors. \*\*One year Express Exchange® service requires product registration. Programs, specifications and availability are subject to change without notice. Selection, offers and programs may vary by country; see your ViewSonic representative for complete details. Corporate names, trademarks stated herein are the property of their respective companies, DLP® and DLP logo are registered trademarks of Texas Instruments. HDMI, the HDMI Logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries. Copyright © 2015 ViewSonic Corporation. All rights reserved. [17850-00B-03/15]

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