LightStream™ Full HD 1080p Home Entertainment Projector

True-to-Life Color + Smart Design

Featuring true-to-life color and a smart design, the ViewSonic® LightStream PJD7828HDL 1080p projector delivers everything you need for home entertainment – all at a great price. 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 are brought to life – even in rooms with high ambient light. And with stunning 1080p resolution, the PJD7828HDL delivers perfect front of screen performance that can match the image quality of any Full HD TV screen. A smart and intuitive design includes PortAll™—a hidden MHL/HDMI port perfect for wireless dongles that let you wirelessly stream multimedia content from a mobile device, or notebook PC, to the projector. So whether projecting movies from a Blu-ray player, wirelessly streaming content from a tablet, or playing video games on your favorite console, the PJD7828HDL is the ideal projector for vibrant entertainment and an immersive gaming experience.

Key Features:

Best in class color accuracy

Full HD 1080p resolution

Enhanced 10W speaker

Secure MHL/HDMI port
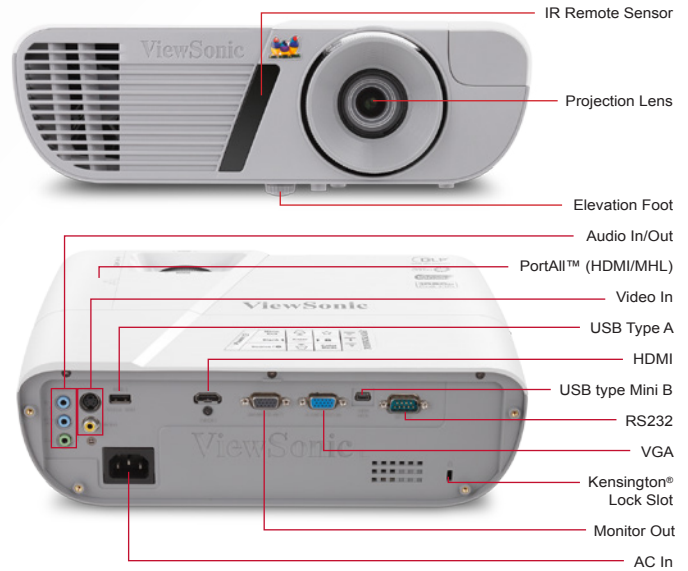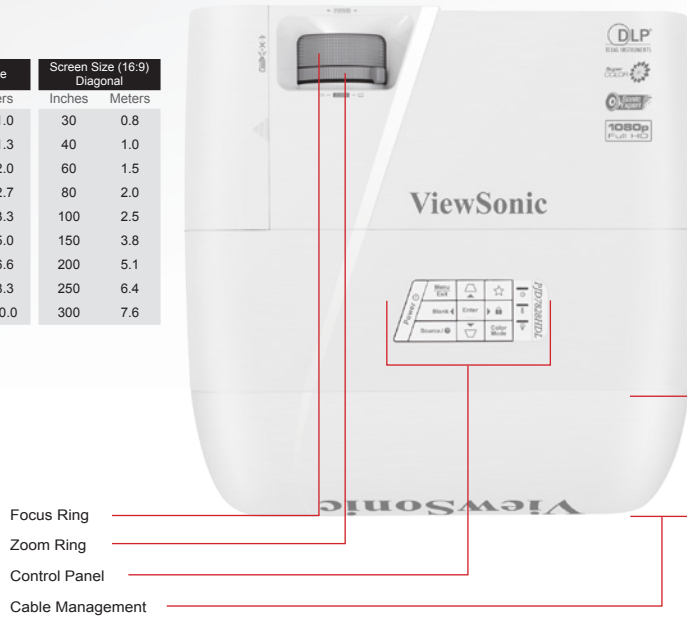
Smart design

Designed for:

Home

LightStream™ Full HD 1080p Home Entertainment Projector

ViewSonic® — See the difference®

PJD7828HDL

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

Callouts:
- IR Remote Sensor
- Projection Lens
- Elevation Foot
- Audio In/Out
- PortAll™ (HDMI/MHL)
- Video In
- USB Type A
- HDMI
- USB type Mini B
- RS232
- VGA
- Kensington® Lock Slot
- Monitor Out
- AC In
- Focus Ring
- Zoom Ring
- Control Panel
- Cable Management

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 (± 40º)
Size	30 – 300 in. / 0.76 – 7.62 m (diagonal)
Throw Distance	4.2 – 46.9 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 (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 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	300W (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	32–104º F (0–40º C)
Humidity	0–90% (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, REACH, SVHC, WEEE, ErP, EAC, TUV-S Mark (Argentina), PSB, KCC, KC, SASO, CECP, NOM, Mexico Energy

WARRANTY

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
Wireless Presentation Gateway	WPG-370
3D Active Shutter Glasses	PGD-350
Ceiling Mount Kit	WMK-005
Carrying Case	PJ-CASE-009
Replacement Lamp	RLC-100

What's in the box?

PJD7828HDL projector, power cable, VGA cable, remote control with batteries, Quick Start Guide, ViewSonic Wizard CD (with User Guide), Cable management cover

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

www.viewsonic.com