

# LightStream™ Full HD Projector



**PJD7828HDL**



The ViewSonic LightStream™ PJD7828HDL 1080p projector features 3,200 lumens, Full HD 1920 x 1080 native resolution, an intuitive, user-friendly design and a sleek white chassis. Exclusive SuperColor™ technology offers a 6-Segment Color Wheel - 15%+ color brightness, for true-to-life image projection, while SonicExpert™, ViewSonic's proprietary sound enhancement technology, powers a 10W cube speaker to deliver incredibly clear and audible sound. PortAll™ - a neatly designed enclosed HDMI/MHL connection compartment, supports wireless HDMI dongles or MHL connectors, while a cable management hood eliminates unsightly cable clutter. With shorter throw ratio, 1.3x optical zoom, smart design, and extensive connectivity, the PJD7828HDL provides flexible and quick set-up. The PJD7828HDL is the ideal projector for both high definition presentations and vibrant multimedia entertainment.



## **SuperColor™ : Best in Class Color Accuracy**

ViewSonic's proprietary SuperColor™ Technology offers a wider color range than conventional DLP® projectors, ensuring that users enjoy realistic and accurate colors. With an exclusive color wheel design and dynamic lamp control capabilities, SuperColor™ Technology projects images with reliable and true-to-life color performance, in both bright and dark environments, without sacrificing image quality. Striking an ideal balance, ViewSonic's SuperColor™ 6-Segment Color Wheel decreases the white segment that may cause washed out images, while increasing the yellow and cyan segments – for images that are both exceptionally bright and well-saturated. It maximizes brightness increased by 15% or more with the highest color saturation over others in the same class.



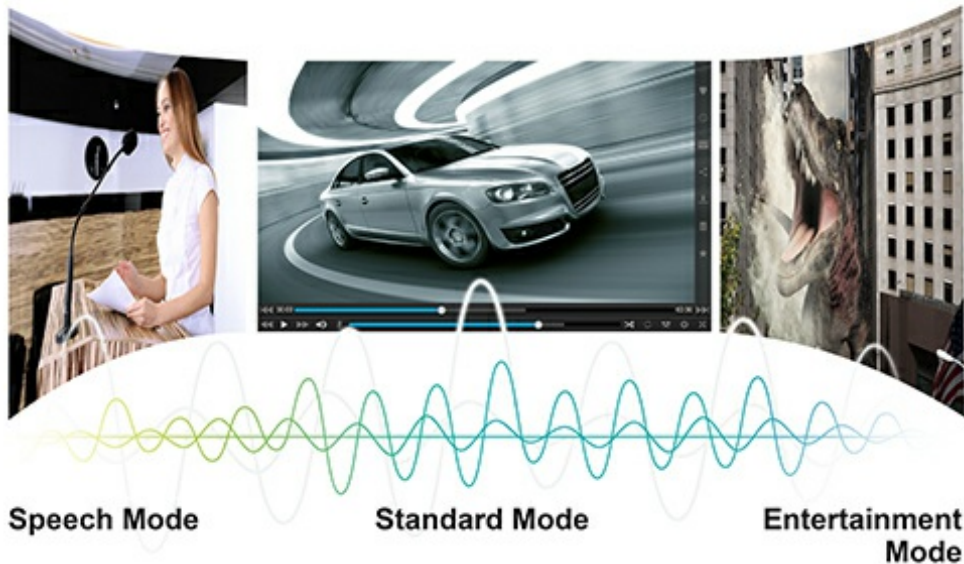
## Full HD 1080p

This ViewSonic projector features Full HD 1920x1080 (1080p) native resolution for the sharpest and clearest picture available, 144Hz 3D frame rate for smoother images and better 3D perception and DarkChip3 for deep blacks, finer pixels and exceptionally smooth motion. It delivers exceptional details and astonishing clarity for the best viewing experience. It is perfect for watching all types of high definition formats (1080p/1080i/720p) and content, including movies, videos, sports, games, and TV, without any distortion or scaling of the original video format.



# SonicExpert™ Technology

The ViewSonic's proprietary SonicExpert™ technology incorporates a 10W ported speaker chamber and a more powerful amplifier to deliver a full 20Hz - 20Khz sound range. SonicMode The exclusive SonicMode sound settings deliver optimized audio performance for presentations, video clips and music.



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## PortAll™ : Secure MHL/HDMI Port

ViewSonic's exclusive PortAll™ feature—a hidden compartment with an integrated and secure MHL/HDMI port that lets you discretely stream multimedia content from a wireless dongle, or lets you connect to other devices via an HDMI cable. \* ViewSync® WPG-300 is optional



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## High-Powered USB Charging Port for Mobile Devices and Wireless HDMI dongle

The 5V/2A USB and Micro USB ports deliver more charging power 10W than a normal USB port, allowing users to charge mobile devices in less time. In addition, wireless HDMI dongles, such as ViewSonic WPG-300 or others, can be plugged into the projector's HDMI port while being powered by a USB cable plugged into the USB port for Full HD contents.



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## Dual 3D Blu-ray Ready HDMI Inputs

Designed with two HDMI ports, this projector can display 3D images directly from 3D Blu-ray players—perfect for connecting to any HDMI-enabled device.



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## Extreme Mounting Flexibility

A 1.3x optical zoom lens provides mounting flexibility with a wider throw distance range while a 1.15 - 1.5 shorter throw ratio projects large images from short distances in small rooms.



**20%  
Larger**

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## Smart Design

The cable management hood connects onto the back of the projector to hide unsightly cable clutter and exposed ports. An easy-access top lamp door enables simple lamp maintenance and replacement. The tactile keypad is raised with concave buttons that assist in making projector set up easier in dark environments.





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## **Oscar Academy Award®-Winning DLP® Display Technology**

DLP display technology combines accurate, long lasting colour with high native contrast ratios. In particular, DLP utilises “True Black”, which improves projection accuracy, creating razor-sharp images for cinema, unlike other well-known technology projectors that use dark grey instead of “True Black”.

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## **Balanced Color and Brightness**

A choice of 5 unique view settings provide the best possible viewing experience in any environment regardless of ambient light.

**Normal**



**ViewMatch® Color Mode**



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## **Do It All with a Single Remote Control**

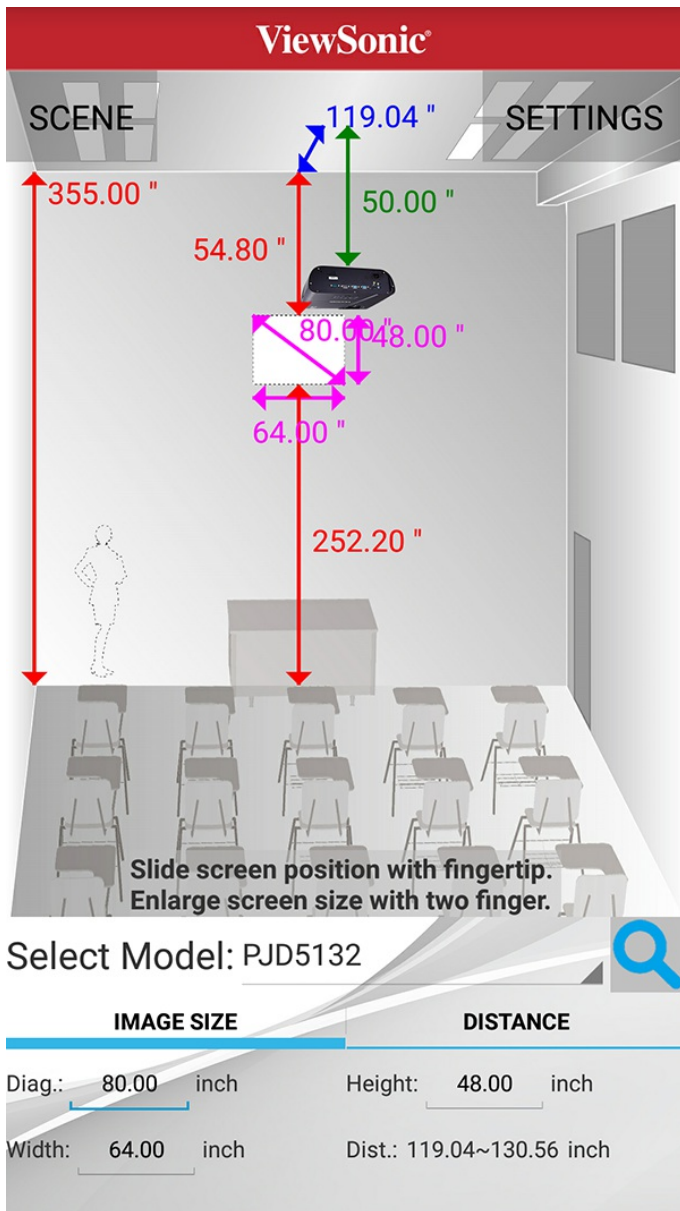
A programmable hotkey "MyButton" can be configured to launch the most commonly used functions. Control up to eight projectors in the same venue or from a mobile device via free V-remote app.



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## ProjectorDistance App for Quick Projector Position Preview

No matter small meeting room, middle classroom, or big hall, ProjectorDistance tells you how far the projector should be placed according to the room ceiling height, projector's screen size, aspect ratio, etc. Just input several figures, the result will be displayed in the simulation scenarios with measurement. You can use finger to adjust the distance instantly.



## Technical Specifications

PRODUCT SPECIFICATION		
Resolution	1920x1080	
Brightness (ANSI Lumens)	3,200lm	
Contrast (Max.)	22,000 :1	
Lamp Hour (Normal / SuperEco)	4000hrs / 10000hrs	
Throw Ratio (Wide ~ Tele)	1.15~1.5	
Lens Shift	NA	

Optical Zoom	1.3x
Digital Zoom	0.8x~2.0x
Screen Size	30"~300"
Projection Offset	110%%±5%
Display Colours	1.07 Billion Colors
Keystone	+/- 40° (Vertical)
Noise min (Normal / Eco)	35dBdB / 30dBdB
Speaker	10W Cube

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## INPUT

### CONNECTIVITY

HDMI/MHL	1
HDMI In	1
VGA-in	1
Component Input	shared with VGA-in
S-Video	1
Composite Input	1
Audio-in (3.5mm)	1
Audio-in (RCA pair)	NA
USB Type A	1 (5V/2A)
USB Type B	N/A
Mini USB	1
Micro USB cable	1 (5V/2A)
Microphone in (3.5mm)	share with audio in 2
SD Card reader	N/A

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## OUTPUT

### CONNECTIVITY

VGA-out	1
Audio-out (3.5mm)	1

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## CONTROL

RS232 (9 pin)	1
Network Mangment (LAN cable)	N/A
12V Power Trigger	N/A

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**DIMENSIONS AND****POWER**

Dimension (WxDxH)	316 mm(W) x 228 mm(D) x 103.7 mm(H)	12.44" (W) x 8.98 " (D) x 4.08" (H)
Net Weight	2.4 kg (5.29 lb)	
Power Source	100~240Vac 50/60Hz	
Power Consumption	330W (Max.)	

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**SUPPLIED****ACCESSORIES**

Power cord	1
VGA cable	1
HDMI cable	NA
Remote Control (with batteries)	1
Cable cover	1
Quick Start Guide & CD	1
Carry bag	NA

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**LANGUAGES**

On Screen Display	21 OSD languages support. (English, France, Spanish, Thai, Korea, Germany, Italian, Russian, Swedish, Dutch, Polish, Czech, T-Chinese, S-Chinese, Japanese, Turkish, Portuguese, Finnish, Indonesian, India, Arabic)
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**REGULATIONS**

Standard	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 Test
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**WARRANTY**

\*\*Warranty offered may differ from market to market

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## **ViewSonic® Limited Warranty**

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ViewSonic provides customers with the security of a manufacturers warranty against defected products. The type and duration of the applicable warranty service varies by product type, country of purchase and can also vary on an individual basis according to customer requirements agreed at time of purchase. The warranty will expire after the end of the warranty period.

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For more product information, visit us at [www.viewsoniceurope.com](http://www.viewsoniceurope.com)

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