

VPL-VW300ES

Seeing is believing: True 4K Home Cinema is closer than you think

4K Home Cinema projector – more than 4x the quality of Full HD



At a glance

- 4K resolution: 4096 x 2160
- Brightness: 1,500 ANSI lumens
- Compact and functional design



Key Features

Shaped by our professional cinema expertise

With decades of experience developing technology for the big screen, we've packed major innovations into the VPL-VW300ES:

Advanced native 4K

Ultra-smooth, native 4K by dramatically reducing the space between pixels.

Reality Creation

Enjoy your existing Full HD Blu-ray™ collection, upscaled for an exceptional 4K experience – even in 3D.

Easy to control

Compatible with Creston Connected and Control 4 SDDP for easy control and enhanced home automation capability.

Bring incredible 4K detail to your favourite movies

Imagine bringing the truly cinematic quality of 4K to your own home. Now you can make it a reality with our VPL-VW300ES Home Cinema projector. It's our most affordable 4K model yet, producing a native 4096 x 2160 resolution picture – that's over four times the quality of Full HD.

Designed for your home cinema room, the VPL-VW300ES delivers stunning, detail-packed images and incredibly lifelike colour, like never before. And with 1,500 ANSI lumens brightness, you're guaranteed an exceptional picture, even in well-lit rooms.

Get more from your 2D and 3D discs

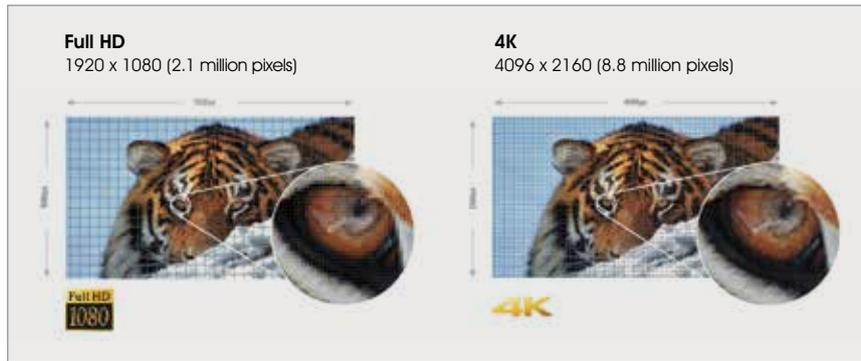
While more and more native 4K material is becoming available, the VPL-VW300ES uses our Reality Creation technology to upscale Full HD content for an incredible 4K experience. It means you'll get the very best from your current Blu-ray Disc™ library, with fuller colour, greater clarity and more impact than ever before.

Compact and user-friendly

The VPL-VW300ES is easy to operate, with a variety of control modes so you get the very best picture, whatever you're watching. With the same chassis as our leading 4K projector, the VPL-VW500ES, its compact design offers great flexibility for installation.

4K native resolution: over 4x better than Full HD

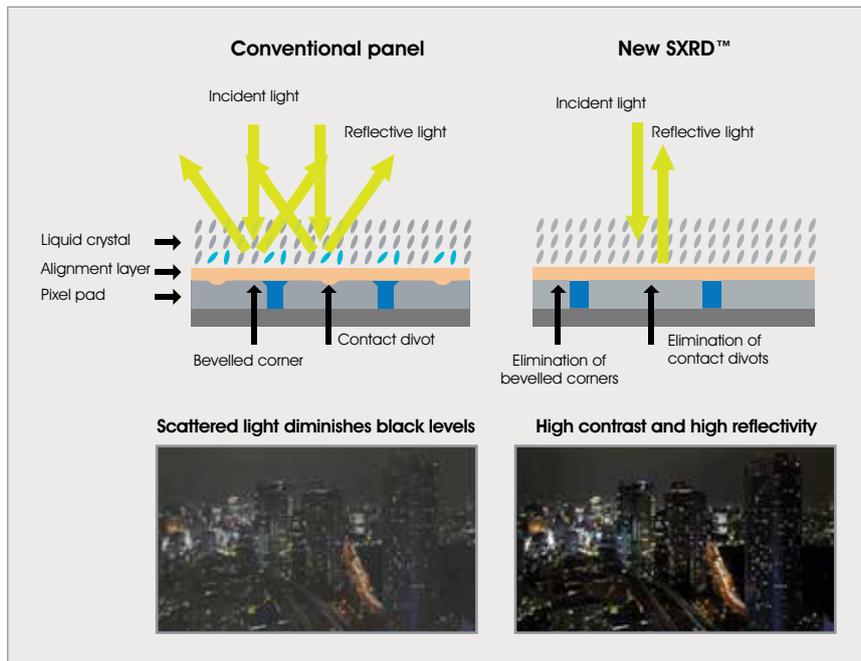
No compromises: 4096 x 2160 4K resolution (the DCI standard in digital cinemas). We used our professional cinema expertise to develop 4K SXRD panels that produce a 4K native picture with no artificial enhancement of pixels. ▼



Simulated images

Contrast enhancer and SXRD panels

The VPL-VW300ES automatically adjusts contrast for optimum picture quality by analysing dark and light areas in every scene. Advanced SXRD panels include a highly reflective liquid crystal layer and an alignment layer without bevelled corners or contact divots for an ultra-fast response rate of 2.5-milliseconds. Space is minimised between pixels to give dot-free pictures with deep contrast. ▼



Simulated images

New Motionflow

Our enhanced Motionflow technology: 'Combination' mode uses our 'Film Projection' and 'Motion Enhancer', adding frames to reduce blur and maintain brightness in thrilling, fast-moving scenes. Cinema purists can choose 'True Cinema' to retain the original 24 frames per second. ▼



Simulated images

Low latency mode

A new feature for gamers. Experience our fastest ever response time between your controller and the screen for ultimate gaming action.

The latest 4K/60p HDMI standard: 60 frames per second

The VPL-VW300ES can show up to 60 frames per second in 4K (at colour signal YCbCr 4:2:0 / 8 bit), the new 4K industry standard and much higher than the earlier 24p. The result is a smoother image with superior colour and realism. Plus, it's HDCP 2.2 compatible, ready for future premium 4K content releases.

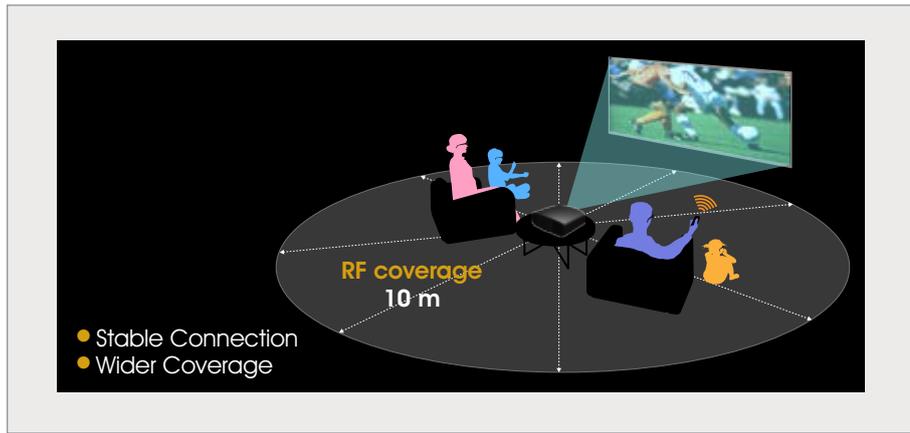
Front-facing fan

Because the fan is positioned at the front, you don't need to worry about wall space and room for air inhale/exhaust when you install. This helps maximize the throw distance for bigger projected images. ▼



Industry standard RF 3D compatible

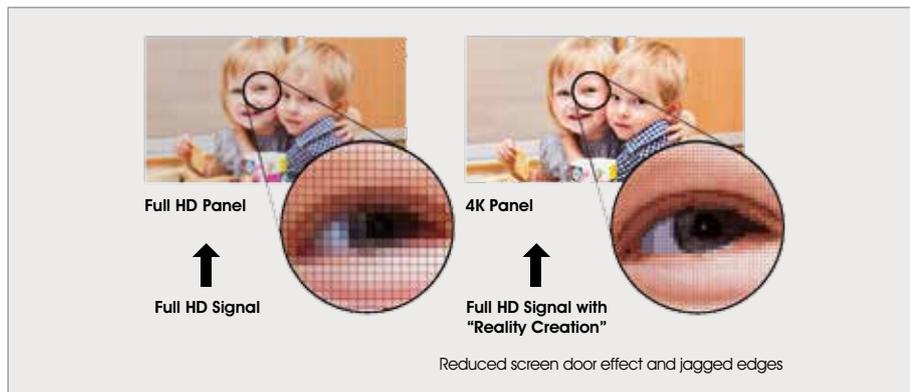
A built-in RF transmitter synchronises with any RF 3D glasses for wider coverage, greater stability, and there's no need for an external transmitter. ▼



Simulated images

Reality Creation: upscales your movies to 4K

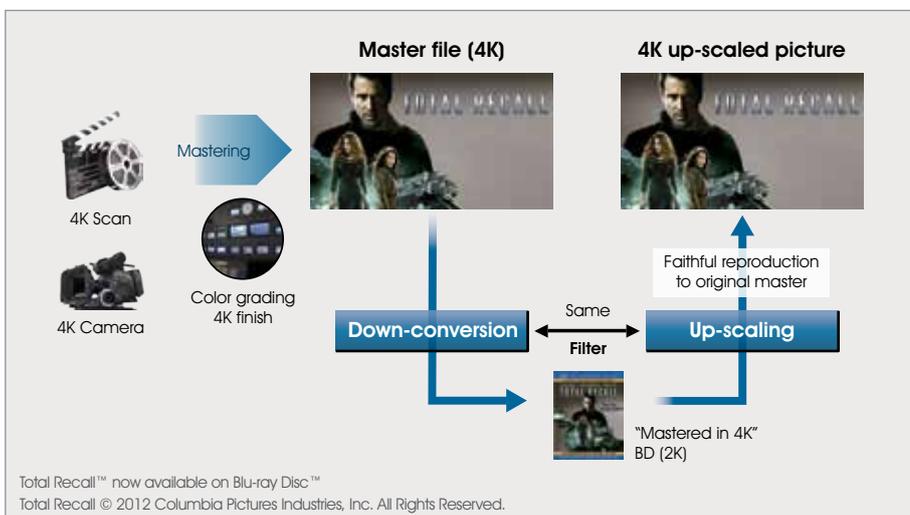
As well as native 4K material, you can see your current Full HD Blu-ray™ or DVD movie collection upscaled for a 4K experience. Reality Creation is a technology that radically enhances Full HD content, even upscaling 3D movies for 4K. ▼



Simulated images

Compatible with 'Mastered in 4K' Blu-ray™ discs

Drawing on the same technology used to downscale 4K material for Full HD, the VPL-VW300ES gives you a near native 4K experience with discs 'Mastered in 4K'. It's as close as you can get to the 4K-pixel resolution and expanded colour range of the original. ▼



Total Recall™ now available on Blu-ray Disc™
Total Recall © 2012 Columbia Pictures Industries, Inc. All Rights Reserved.

Simulated images

Wider zoom and shift lens

A 2.06 motorised zoom lens and wide lens shift range of up to 85% vertical and 31% horizontal gives greater installation flexibility – even when the ceiling is very high.

Suitable for home automation

The VPL-VW300ES is compatible with many home automation systems, including Crestron Connected and Control4 SDDP. It has an RS232 interface, RJ45 control and IR-IN terminal.

Manual HSV Colour Correction

A correction tool allows you to adjust the gamma and hue, saturation and brightness of each colour to get exactly the picture you want.

TRILUMINOS™ Display

The VPL-VW300ES's optical engine and SXRD panels incorporate our TRILUMINOS™ Display technology to produce a much broader colour range, reproducing more tones and textures than a standard projector system. The result is greater purity, depth and realism. ▼



HDCP 2.2 compatible

The VPL-VW300ES is ready for future premium 4K content, including TV, internet streamed productions and satellite broadcasts. It is also compatible with our FMP-X5 Media Player* for current 4K content. ▼



Sony FMP-X5 Media Player

Wireless option (up to Full HD 60p)

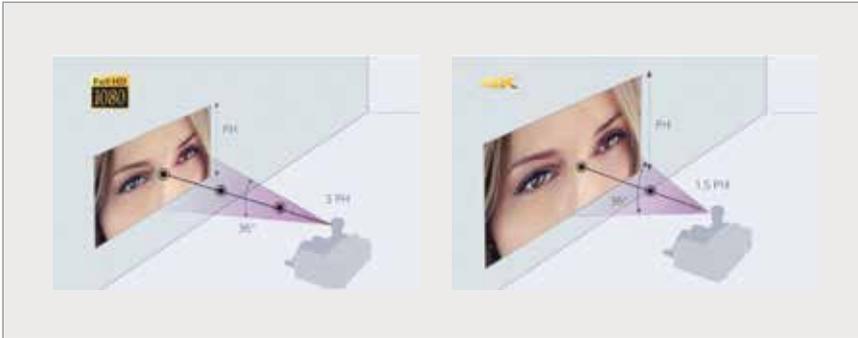
Free yourself from cables and keep things tidy with an optional wireless HDMI emitter/receiver kit. The VPL-VW300ES can wirelessly connect to your games console, Blu-ray™ Disc player and more, and upscales for a 4K experience with Reality Creation.

USB updates

To get the best from your projector, the VPL-VW300ES has a USB port for the latest firmware updates.

Sit closer

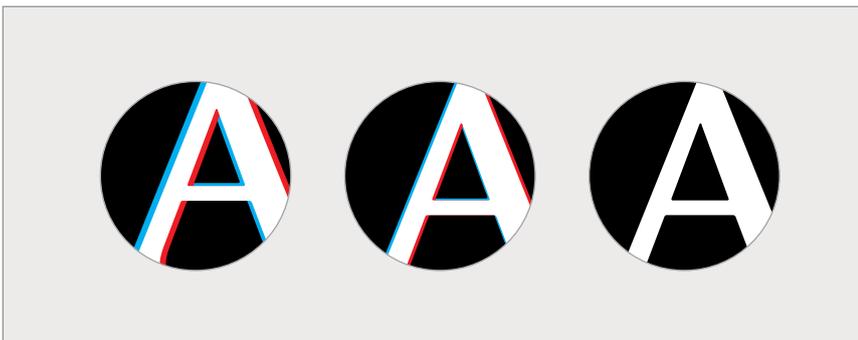
With 4K resolution, you can sit closer to the screen without compromising depth and realism. The best viewing position for 4K is at a distance of approximately 1.5 times the height of the projector screen (PH), compared to 3 times the height of the screen for Full HD. ▼



Simulated images

Electronic panel alignment

Ensures the red and blue elements in each pixel are precisely positioned against green. Adjustments can be made by as little as 0.1 pixels for optimum clarity. (NB we recommend adjustments are made when the projector is warm). ▼



Simulated images

PrimeSupport

The VPL-VW300ES comes with our 3-year PrimeSupport package. There are no unexpected costs if you experience a problem, just fast, efficient technical support from our free multi-lingual helpline advisors. This package also includes 1-year or 1,000 hours lamp cover.

Prime
Support

Prime
Support Plus

Specifications



		VPL-VW300ES
Display system		High Frame Rate SXRD panel
Light Output		1500 lm
Display elements	Effective display size	0.74" x 3
	Effective pixels	4K (4096 x 2160) x3 / 26,542,080 pixels
Projection lens	Zoom / Focus	Electric (Approx. 2.06 x) / Electric
	Lens shift	Electric, V +85% / -80% H: +/-31%
Light source		Ultra High-pressure lamp 230W type
Screen size		60" to 300"
Reality Creation		YES (4K Reality Creation)
Compatible with "Mastered in 4K " Blu-ray		YES
4K 60p (YCbCr 4:2:0 / 8 bit)		YES
TRILUMINOS™		YES
3D capability		YES
3D emitter		Built-in RF emitter
3D glasses		TDG-BT500A (Optional)
Manual Calibration		HSV Colour Correction
HDCP 2.2 Compliance		YES*
Wireless HDMI compatibility		IFU-WH1 (Optional)
Low latency mode		YES
Picture modes		9 modes
Gamma modes		11 modes
Panel Alignment		Yes (Shift / Zone)
Input/Output	HDMI (2 inputs)	Digital RGB/Y Pb/Cb Pr/Cr
	Remote	RS-232C
	LAN	RJ45, 10BASE-T/100BASE-TX
	IR IN	Mini Jack
	TRIGGER	Minijack, DC 12V Max. 100mA
	USB	DC 5V. MAX. 500mA
Acoustic noise		26dB
Power requirement		AC 100 V to 240 V, 3.0 A to 1.3 A, 50/60 Hz
Power consumption		Max. 340W
Body Colour		Black
Standard outside dimensions		W 495.6 x H 195.3 x D 463.6 mm
Weight		Approx. 14 kg
Supplied Accessories		Remote Control RM-PJ28
		Size AA (R6) manganese batteries (2)
		AC Power Cord for projector (1)
		Quick reference manual (1)
		Operating Instructions (CD-ROM) (1)

*HDMI Input 2 is compatible with HDCP2.2

Optional Accessories

Projector lamp
(LMP-H230)



Wireless HD Unit
(IFU-WH1)



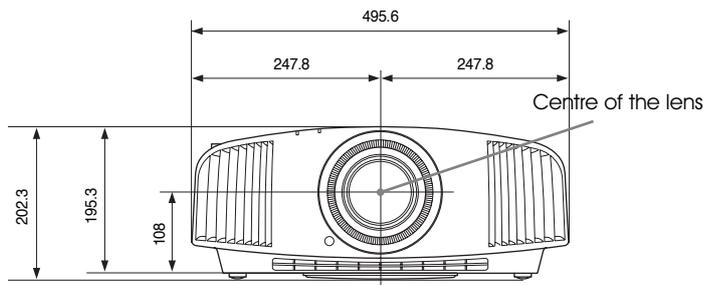
3D Glass
(TDG-BT500A)



Dimensions

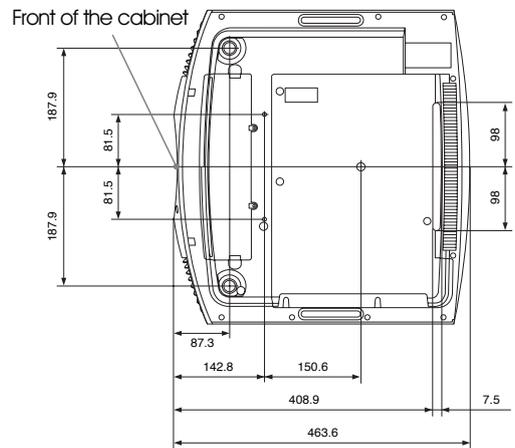
Front

Unit: mm



Bottom

Unit: mm



For further details of how to get a fully immersive 4K cinematic experience for your home visit:
www.pro.sony.eu/homecinemaprojectors

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