

1080p Home Theatre Projector with Precision Color System™



SPECIFICATIONS

PROJECTOR	Type	3 x 0.74 Poly-Si TFT with micro-lens
	Pixel Format	1920 x 1080
	Lens	Power zoom, power focus
	Lens Shift	Powered V/H lens shift; vertical ± 75%, horizontal ± 5%
	Zoom Factor	1.6x
	Keystone	Vertical ± 30°, Horizontal ± 4
DISPLAY	Size	40"—300"/1.0–7.6m (diagonally)
	Throw Distance	1.2–15.4m
	Throw Ratio	1.4–2.3:1
	Lamp	160W, 2000 hours (Eco mode up to 5000 hours max.)
	Brightness (max.)	1,000 ANSI lumens
	Contrast Ratio	13,000:1
INPUT SIGNAL	Aspect Ratio	16:9 (native)
	Video	RGB analog, NTSC M, NTSC 4.43, PAL, SECAM, HDTV (720p, 1080i, 1080p), SDTV/EDTV (480i, 480p, 576i)
	Frequency	F _v : 15–100kHz; F _s : 56–90Hz
	PC	Analog: VGA up to 1920 x 1080
	Mac [®]	Analog: VGA up to 1920 x 1080
	HDMI	HDMI 1.3 (x2) (HDCP)
CONNECTOR	RGB (input)	15-pin HD, D-sub
	Composite Video (input)	RCA jack (1x)
	S-video (input)	Mini-Din 4-pin
	Component Video (input)	RCA (x2) sets
	RS-232	9-pin D-sub
	Screen Relay (12V)	DC power jack
POWER	Voltage	AC 100–240 V, 50–60Hz (auto switch)
	Consumption	230w (typ.)
OPERATING CONDITIONS	Temperature	0°C–40°C
	Humidity	10%–90% (non-condensing)
NOISE LEVEL	Normal	23dB (typ.)
	Eco mode	18dB (typ.)
DIMENSIONS	(W x H x D mm)	543 x 156 x 387 (physical)
WEIGHT	Net	9.0kg
	Gross	15.0kg
REGULATIONS		UL, FCC-B, CCC, CB, CE, ICES 003, C-TICK, GOST-R, NOM, PSB, TUV-S, TUV-GS, UK/SEPRO, RoHS
RECYCLE/DISPOSAL		The lamp in this product contains mercury. Please dispose in accordance with local, state and federal laws.
FEATURES		Silicon Optix-Reon VX-210 with HQV, Precision Color System, auto-iris, backlight remote, daylight mode, full 10-bit image processing, advanced black level adjustment, short-throw optics, powered H&V lens shift, 1.6 x powered optical zoom & focus, eco mode, changeable top covers
PACKAGE CONTENTS		Projector, power cable, RGB cable, HDMI, micro-fiber wiping cloth, soft projector cover, remote control with batteries, Quick Start Guide, ViewSonic Wizard CD (with User Guide)
WARRANTY		3 year on site exchange service and a 1 year/1000 hours limited lamp warranty. For more details please see: www.viewsoniceurope.com/UK/support/warranty.htm

PROJECTION DISTANCE
16:9 SCREEN

Screen Size (Diagonal)	Wide Projection Distance		Tele Projection Distance	
	inch	m	inch	m
40	1.25	49.2	2.02	79.5
50	1.56	61.5	2.52	99.4
60	1.87	73.7	3.03	119.2
70	2.19	86.0	3.53	139.1
80	2.50	98.3	4.04	159.0
90	2.81	110.6	4.54	178.8
100	3.12	122.9	5.05	198.7
120	3.75	147.5	6.06	238.5
150	4.68	184.3	7.57	298.1
200	6.24	245.8	10.09	397.4
250	7.80	307.2	12.62	496.8
300	9.36	368.7	15.14	596.2

INPUTS



Home Theatre Projector

Precision
Pro8100

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For more product information information and specialist resellers visit: www.viewsoniceurope.com

1 Running Eco mode exclusively can extend lamp life up to 5000 hours. 2 May require optional Mac adapter.
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Full HD Optics

C2Fine™ 3LCD technology

C2Fine 3-panel LCD technology enhances brightness, boosts colour accuracy and deepens contrast for impressive 1080p high-definition images.

Auto Iris

Auto Iris technology, automatically corrects the level of light projection resulting in signal changes in accurate, real-time adjustments to brightness levels within moving and static images. The contrast ratio can reach up to 13,000:1 (max.)

HQV™ – Hollywood Quality Video

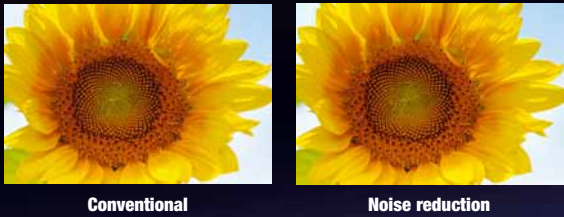
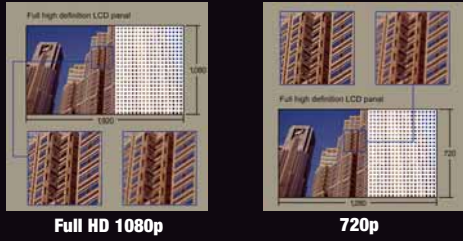
10-bit colour: Full 10-bit 4:4:4 colour sampling renders over 1 billion colours, delivering super fine colour graduation.

Multidirectional filter: Advanced 1024 tap scaling architecture evaluates the surrounding 1024 pixels to provide the best image quality when scaling images from standard to high-definition.

Cadence detection: Many TV movies and all film-based movies shown in 1080i HD are recorded at 24 frames per second. Those 24 frames are converted to 60 interlaced fields for broadcast. This creates a 3:2 cadence pattern. If the video processor is unable to identify the correct cadence half the resolution is lost. However the Pro8100 is able to identify complete frames and optimise them as they come in, to broadcast 3:2 cadences regardless of the incoming video cadence.

Detail enhancement: Evaluates images on a pixel by pixel basis and clears any blurred areas while adding contrast to make details stand out.

Noise reduction: Using a temporal filter with advanced noise reduction algorithms, the Pro8100 evaluates visual noise over time on a per-pixel basis to identify and eliminate visual noise. Also reduces noise caused by image compression. The result is a crisper moving image on your screen.



Pro8100

The Precision Pro8100 is a high-end full-HD widescreen projector designed for the most demanding home cinema enthusiasts.



PCS Precision Color System™

Sophisticated Image enhancement technology that renders true colours with extensive end user tuning capabilities. PCS is the final gatekeeper to ensure accurate colour reproduction by fine tuning and correcting colour reproduction errors of the front-end scalar.



Auto Contrast: Uses special circuitry to provide superior colour purity and depth by adjusting the brightness range automatically.

Advanced gamma correction: PCS allows up to 33 levels of gamma correction for professional colour calibration to achieve near perfect grey scale optimisation.

H-Edge Enhancement: Suppresses artefacts and jagged diagonal edges while reducing noise generation. The advanced sharpness control renders smooth, well-defined edges for film-like response.

3-D Colour Management: Enables flexible user adjustment of individual colours in the image. Customise the image's red, green and blue content or adjust the overall white level to create warmer skin tones, cooler, brighter skylines, and more compelling images.

Advanced Digital Inputs

Two of the latest HDMI 1.3a inputs with HDCP compliance and two component video inputs provide full digital component connectivity in a customised home theatre installation. Live the high-definition movie experience without ever leaving home.

