



Vision™ Model 90
DLP™ Home Theater Projector

Vidikron proudly introduces our latest high definition digital home cinema projector, the Vision™ Model 90. The Vision Model 90 incorporates a three-chip high definition DLP™ light engine with 1280 x 720 resolution. It is specifically engineered to excel in light-controlled home theater room environments, providing outstanding white field uniformity, accurate color palette, maximum brightness and enhanced contrast performance.

Sharing the same platform as our top-of-the-line Vision Model 100, the Vision Model 90 incorporates many of the Model 100's high performance advantages – including our proprietary Imagix™ video processing built into the chassis. This advanced digital video processing technology achieves near high definition image quality even from standard video sources, in addition to artifact-free scaling of higher video resolutions and formats.

Among the many attributes of the Vision Model 90, it has been engineered to the Imaging Science Foundation's™ (ISF) exacting standards for video fidelity and accurate gray scale tracking, critical in achieving true-to-life color reproduction and superior gray scale performance.

Four lens options with precision optics facilitate a wide range of projector installation choices, and include generous motorized horizontal and vertical electronic lens shift capabilities. Included are multiple discrete inputs, IntelliWide™ aspect ratio control, two DVI (HDCP compliant) inputs, three IR triggers and an RS-232 interface for seamless integration with today's latest automation control systems.

vidikron™
Going Beyond Home Theater™

Vision Model 90™	
Projector Type:	Digital Light Processing™ (DLP™), 3-chip, 16:9 LightAmp™ DMD's™
Native Resolution:	1280 x 720 (16:9)
Aspect Ratio:	4:3, Letterbox, 16:9 Anamorphic, IntelliWide™, IntelliWide™ 2.35, Cinema
Video Standards:	NTSC, PAL
DTV Compatibility:	480p, 720p, 1080i
Scan Frequency:	Horizontal: 15–100 KHz Vertical: 28–78 Hz
Picture Size (16:9 Screen):	Recommended Width: 72–120 in. Maximum Width: 250 in.
Throw Distance (Factor x Screen Width):	Lens Option 1: Zoom 1.40–1.77 x width Lens Option 2: Zoom 1.77–2.35 x width Lens Option 3: Zoom 2.40–3.60 x width Lens Option 4: Zoom 3.60–5.70 x width
Horizontal and Vertical Offset:	Horizontal: +/- 10–16% Vertical: - to 60%; + to 24% <i>(Lens options 1 – 5 with ceiling mount. Vertical specifications are with horizontal shift at center. Horizontal specifications are with no vertical shift used. Amount of available shift varies per lens. Contact Vidikron technical support for installation details.)</i>
Light Output:	CSMS™* Specifications: Home Theater Calibration: 1120 ANSI Lumens; 45.3 Foot-Lamberts (fL). 2250 ANSI Lumens
Contrast Ratio:	CSMS** Contrast Ratio: 258:1; 3000:1
Lamp:	275W UHP
Estimated Lamp Life:	2000 hours @ 6500° Kelvin
Inputs:	(1) Composite Video, (1) S-video, (2) RCA Component Video, (1) DVI w/HDCP, (1) VGA
Control Options:	Discrete infrared remote, (1) RS-232, 9-pin Connector
Screen Trigger/Masking Outputs:	(3) 12V DC, 1/8A
Power Requirements:	100–240V AC, 50/60 Hz, 610W
Operating Environment:	40°–95° F, (5°–35° C) 0%–90% Humidity (non-condensing)
Dimensions (w/o feet):	Width: 23 5/8 in. (600.00 mm) Depth: 26 7/8 in. (682.62 mm) Height: 9 1/2 in. (241.30 mm) Weight: 65 lbs. (29.48 kg) (without lens)
Regulatory Approvals:	Complies with FCC, CE, C-Tick
Limited Warranty:	Projector: Two (2) years parts and labor from the date of delivery to the end user. Lamp Warranty: 1000 hours or six (6) months, whichever comes first.



*Cinema Standards Measurement System. See www.vidikron.com for more details. Specifications are subject to change without notice. Optional ceiling mount available.

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