



Vision™ Model 50 DLP™ Home Theater Projector

The Vision™ Model 50 has been designed to deliver the highest level of performance with expanded installation flexibility. Our 1280 x 720 native resolution DLP™ light engine incorporates all new technology, together with Imagix™ video processing to deliver amazing high definition images.

Contrast ratios and dynamic range are enhanced with Vidikron's exclusive V2 Aperture Control™ and electronically controlled iris system. The projector's precision optics system includes power zoom and focus controls, comprehensive electronic lens shift and a generous operating throw distance range of 1.82:1 – 2.42:1.

The Vision™ Model 50 also incorporates our unique DualV Stage Illumination (DVSI™) system, providing two selectable lamp intensity levels. This technology facilitates a wider range of installation choices for optimized viewing on different screen materials and sizes, and helps manage the ambient light level conditions in today's diverse home theater environments. Also featured is a newly refined lamp-cooling system that preserves lamp life, increases system efficiency and reduces noise levels.

Vidikron's award-winning CineWide™ and CineWide™ with AutoScope™ technology options revolutionize the 2.35:1 movie viewing experience, eliminating those useless black bars for full, screen-filling enjoyment.



vidikron®
Going Beyond Home Theater™

Specifications	Vision™ Model 50
Projector Type:	Digital Light Processing™ (DLP™), Single-Chip DMD™
Native Resolution:	1280 x 720 (16:9)
Aspect Ratio:	4:3, Letterbox, 16:9 Anamorphic, IntelliWide™, Cinema, Cinema Fill
Video Standards:	NTSC, PAL, SECAM, ATSC
DTV Compatibility:	480p, 576p, 720p, 1080i
Picture Size (16:9 Screen):	Recommended Width: 72–96 in. Maximum Width: 240 in.
Throw Distance (Factor x Screen Width):	1.82 to 2.36 (with CineWide: 1.90 to 2.36 with 2.35:1 screen) (with CineWide with AutoScope 1.40 to 1.75 with 2.35:1 screen)
Horizontal and Vertical Offset:	Image can be up to 50% above or below lens center Horizontal and/or vertical image shift via OSD controls
Light Output:	CSMS™* Specifications: Home Theater Calibration: 449 – 585 ANSI Lumens; 14.7 – 21.5 Foot-Lamberts (fL); 1225 ANSI Lumens
Contrast Ratio:	195:1 – 218:1 CSMS* 1400:1 – 3000:1 ANSI
Lamp:	210W NSH
Estimated Lamp Life:	2000 hours
Inputs:	(1) Composite Video, (1) S-Video, (1) RGB/Component (via BNC), (1) RCA Component Video, (1) HDMI, (1) RS-232
12V Output:	Max. 0.25 Amps, active when the projector is on
Power Requirements:	100 to 240V AC, 50/60Hz, 330W
Operating Environment:	41°F to 95°F (5° to 35°C); 20–80% humidity (non-condensing)
Dimensions (w/o feet):	Width: 22.00 in. (558.80 mm) Depth: 19.00 in. (462.60 mm) Height: 9.00 in. (228.60 mm) Weight: 46.5 lbs. (21.09 kg)
Regulatory Approvals:	Complies with FCC Class B, 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.

CineWide™ and CineWide with AutoScope™

Until now, viewing movies presented in the CinemaScope™ 2.35:1 format has meant the presence of useless black bars on the top and bottom of your screen. It has also meant a possible loss of resolution because widescreen digital imaging chips are in the 16:9 widescreen aspect ratio, not nearly as wide as 2.35:1.

Through the magic of our award winning CineWide and CineWide with AutoScope technology and the use of an appropriate screen, constant vertical height is maintained, filling the entire screen area. When you transition from a standard 16:9 (1.78:1) widescreen aspect ratio to 2.35:1 Cinema, the picture simply gets wider—really wide, just as you would experience in a quality cinema.

While CineWide provides a fixed anamorphic lens, with the AutoScope option the anamorphic lens is motorized and remote controlled.

Conventional Method

A conventional 2.35:1 image displayed on a 1.78:1 (16:9) screen.



Black bars = lost resolution

CineWide™ Technology

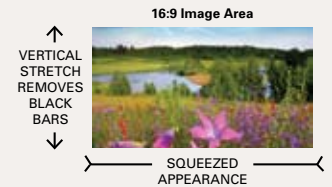
Constant Vertical height and full resolution are maintained. 100% of pixels are used. Black bars are eliminated.



How it works:

The video processor anamorphically “stretches” the 2.35:1 image vertically to completely fill the display’s imaging chip’s. This allows all pixels to be used.

2.35:1 Image on a 16:9 imaging chip



The anamorphic lens then “stretches” the image width to 2.35:1. Correct geometry is restored, while 100% of the pixels are now used to maintain full resolution and eliminate black bars.



CineWide and CineWide with AutoScope requires the use of a 2.35:1 or similar aspect ratio superwide screen.

IMAGIX
DIGITAL VIDEO

isf
Engineered for ISF calibration.

Installer
ID
Dependent

CINEWIDE

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

Vidikron, Vision Series, IntelliWide, Imagix, DVSI, V2 Aperture Control, and CSMS are trademarks owned by Runco, LLC, licensed to Vidikron, a division of Runco International, Inc. CineWide and AutoScope are trademarks of Runco International, Inc. © 2007 Runco International, Inc. All Rights reserved. Digital Light Processing, DLP and DMD are trademarks of Texas Instruments. ISF is a registered trademark of Imaging Science Foundation. Home Theatre Environment room designed by Maurizio Conti, Audio Video Design, Schio, Italy

VIDIKRON
Going Beyond Home Theater™

Vidikron
2900 Faber Street
Union City, CA 94587
510-324-5900
Fax 510-324-5905
www.vidikron.com