



**HD20LV**

*Get into the action*

Transform any room in your home with the ultimate 1080P High Definition entertainment experience. Making the largest flat screen TV's seem small with an image that can fill a wall - the HD20LV will project you straight into the front row with life-size movie, sports and gaming characters - engulfing your senses and immersing you in the action. You love big pictures but know it is all in the detail. The Full HD detail you've never seen before in your favourite film. Detail that captivates and enthrals - every tiny detail larger than life with electrifying, perfectly balanced color, crystal clarity and exquisite light and shade contrast detail.



Full HD  
1080p



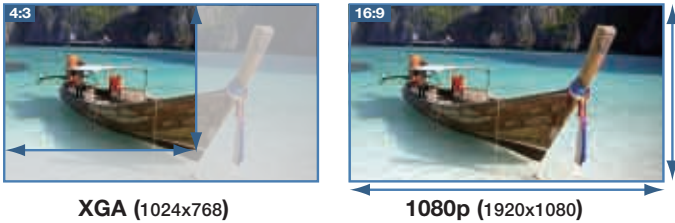
[www.optoma.com](http://www.optoma.com)

# HD20LV

The HD20LV home cinema projector delivers the kind of picture quality associated with the best digital cinema performance around the world. With a digital HDMI signal you can create a true digital projection system that produces a spectacular Full HD cinematic experience in your own home. A masterly collaboration of Full HD DLP® technology from Texas Instruments and Optoma craftsmanship produces a stunningly bright image with perfectly balanced vivid color, crystal clarity and the exceptional light and shade detail only possible with a high ANSI contrast projector.

## Full HD

Full HD (1920 x 1080) has twice the resolution of standard HD. HD20LV is compatible with HDTV broadcasts and high-definition media to project impressive full 1080p images and video in their original digital brilliance.



## 24P

Most movies are shot at 24 frames per second. To preserve the purity of the original image the HD20LV can accept High Definition sources at 24 frames per second and so to display movies exactly as the director intended.



## Optoma guarantees color quality will remain as new for 5 years\*

For Home Cinema color accuracy is critical. We are so confident that, unlike competing technologies, the HD20LV color will not change in use that we have guaranteed it will stay the same as the day you bought it, for at least 5 years.



## VIRTUALLY MAINTENANCE FREE = LOWER COST OF OWNERSHIP

HD20LV provides lower cost of ownership, longer life and improved reliability. The filter-free projector design does not require regular filter cleaning or filter replacement, saving you time and money.

The HD20LV projector based on an all-digital DLP® chip delivers stunning picture quality again and again. Unlike competing analogue technologies, the semiconductor that makes DLP® projection possible is virtually immune to environmental factors that can cause an image to degrade over time.



Projection Distance (m)	Max 16X9 Diagonal Screen Size (inch)	Min 16X9 Diagonal Image Size (inch)
2.0	60.2	50.2
3.0	90.3	75.3
4.0	120.5	100.4
5.0	150.6	125.5
10.0	301.1	251.0

HD20LV Specifications Highlights	
Full HD	Native 1080P (1920x1080)
Contrast Ratio	4000:1 (With Image AI)
Uniformity	85 %
Brightness	2200 Lumens
Projection Image Size / Distance	38 to 300 inches / 1.5m~9.96m
Throw Ratio	1.5~1.8 :1 (distance/width)
Keystone Correction	Vertical ±5°
Aspect Ratio	16:9, 4:3, LBX, Native
Inputs	2xHDMI, Component, VGA (PC/SCART) Composite
Output	12V OUT for screen triggering
Video Compatibility	1080p, 1080i, 720p, PAL, NTSC, SECAM
Audible Noise	29dB Standard Mode
Lamp Type	230-watt User Replaceable lamp
Lamp Life	4000 hrs in normal mode/3000 hrs in bright mode
Dimensions	329x239x99 mm
Weight	2.9kg
Warranty	Warranty may vary by country. Please see or ask your local supplier for details.

Optoma reserves the right to change this brochure without prior notice, please refer to www.optoma.com for any change

16X9 Diagonal Screen Size (inch)	Max Projection Distance (m)	Min Projection Distance (m)
60	2.39	1.99
80	3.19	2.66
90	3.60	3.00
100	4.00	3.30
120	4.80	4.00

\*Optoma guarantees that in normal use, Optoma DLP® color quality will be indistinguishable from when new. Please note that worn lamps will give slight variance. Exclusions: \*(1) Guarantee is voided if the projector is subject to damage through mis-use. (2) Guarantee may be void in industrial or commercial entertainment environments where dust or smoke is particularly excessive 3) Guarantee will not apply if lamp brightness is below 50% due to wear or if the projector is not working due to other fault. DLP®, and the DLP logo are registered trademarks of Texas Instruments. All other product names and company names used herein are for identifications purposes only and may be trademarks or registered trademarks of their respective owners. All images have been simulated. Errors and omissions excepted, all specifications are subject to change without notice. Copyright © 2010, Optoma Corporation.

