



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

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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.



XGA (1024x768)



1080p (1920x1080)

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.



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 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.



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	324x234x97 mm
Weight	2.9kg
Warranty	Warranty may vary by country. Please see or ask your local supplier for details.

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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



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