

*Bring the big picture home*



*The HD20 transforms any room into your very own cinema. Just don't forget the popcorn...*

*Making the largest flat screen TV's seem small with an image that can fill a wall - the HD20 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.*

*It is all in the detail - the Full HD detail you've never seen before in your favourite film. Detail that captivates and enthrals; larger than life with electrifying, perfectly balanced colour, crystal clarity and exquisite light and shade contrast detail.*

Full HD  
1080p



HD20

# HD20

The HD20 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 colour, crystal clarity and the exceptional light and shade detail only possible with a high ANSI contrast projector.

## ANSI Contrast

ANSI Contrast<sup>†</sup> is a way of measuring the true “real world” contrast performance you can expect from a projector. Only ANSI contrast has a documented, reproducible procedure that can be used to compare the performance of projectors using different display technologies. With an ANSI contrast ratio significantly (in some cases 2-3 times) higher than projectors using other technologies, DLP® is the only choice for Home Cinema purists that expect the ultimate image fidelity in their home.



High ANSI Contrast



Low ANSI Contrast



### HD20-LV Connections

- |   |                 |   |              |
|---|-----------------|---|--------------|
| 1 | VGA (PC)        | 4 | HDMI v1.3    |
| 2 | Component Video | 5 | HDMI v1.3    |
| 3 | Composite Video | 6 | +12V Trigger |

## 24P

Most movies are shot at 24 frames per second. To preserve the purity of the original image the HD20 can accept High Definition sources at 24 frames per second and so to display movies exactly as the director intended.



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

For Home Cinema colour accuracy is critical. We are so confident that, unlike competing technologies, the HD20 colour 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 HD20 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)	Min Diagonal Image Size (m)	Max Diagonal Image Size (m)	Max Diagonal Image Size (inch)
3.00	1.91	2.29	90.32
4.00	2.55	3.06	120.42
5.00	3.19	3.82	150.53

HD20 Specifications Highlights	
Full HD	Native 1080P (1920 x1080)
ANSI Contrast	500:1 ANSI
Dynamic Contrast	5000:1
Audible Noise	29dB Standard mode
Brightness <sup>1</sup>	1700 Video Optimised Lumens
Throw Ratio	1.5 ~ 1.8
Lamp Life <sup>2</sup> (STD)	4000 Hours
Inputs	2 x HDMI, Component, VGA (PC\SCART), Composite
Output	12V OUT for screen triggering
Video Compatibility	1080P, 1080i 720P, PAL, NTSC, SECAM
Dimensions	324 x 234 x 97mm
Weight	2.9 kg
Warranty	Warranty may vary by country. Please see or ask your local supplier for details
EAN Number	5060059044078

For full specifications please visit the website at: [www.optoma.co.uk](http://www.optoma.co.uk)



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\*Optoma guarantees that in normal use, Optoma DLP® colour quality will be indistinguishable from when new. Please note that worn lamps will give slight variance. Exclusions: \*(a) Guarantee is voided if the projector is subject to damage through mis-use. (b) Guarantee may be void in industrial or commercial entertainment environments where dust or smoke is particularly excessive (c) Guarantee will not apply if lamp brightness is below 50% due to wear or if the projector is not working due to other fault. <sup>1</sup> "ANSI Contrast" is a recognised contrast measurement technique as described in the standard IEC 61947-1 <sup>2</sup>Brightness and lamp lifetime will vary depending on selected projector mode, environmental conditions and usage. As is common with all lamp based projectors, brightness will decrease over the lamp lifetime. <sup>3</sup>Typical lamp life achieved through testing. Will vary according to operational use and environmental conditions.

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