Optoma

Lights-on Full HD Entertainment

You love big pictures and want the excitement to last all day long.

The astonishingly bright HD20-LV enables exceptional quality Full HD viewing without dimming the lights.

With 2500 ANSI Lumens you can invite all your mates round any time of day to watch the big match; enjoy your favourite movies like never before; immerse yourselves in life-size gaming for the ultimate home entertainment experience.

Alternatively, use the extra brightness for an extra-large screen. If you like your image big, the HD20-LV makes them as big as they get! Home Cinema with a 5m screen is an awe-inspiring experience of truly phenomenal proportions.

Full HD 1080p

BrilliantColor

HD20-LV

HD20-LV

Widescreen Full HD

The HD20-LV 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 High Definition cinematic experience in your own home. Thanks to a masterly collaboration of Full HD 1080p, DLP® technology from Texas Instrument and Optoma colour and optical expertise, the HD20-LV displays vibrant, detailed images with crystal clarity.

24P

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

BrilliantColor™

The HD20-LV incorporates BrilliantColor™ multi-colour processing technology to bring stunning, vibrant colour to your screen. Using six separate primary and secondary colours to produce a new level of colour performance and control; BrilliantColor™ increases colour brightness by up to 50% over other technologies to create accurate true to life images.

Projection Distance (m)	Min Diagonal Image Size (m)	Max Diagonal Image Size (m)	Max Diagonal Image Size (inch)
2.00	1.27	1.53	60.23
3.00	1.91	2.29	90.34
4.00	2.55	3.06	120.46
5.00	3.19	3.82	150.57
6.00	3.82	4.59	180.68

Into the light...

The staggering brightness of the HD20LV enables 2 exciting prospects:

- Bring your projector out of the dark – Ultra Brightness means the HD20-LV can be used in environments where the light is not completely controlled, for a lights-on, full HD 1080p Home Cinema experience.
- Bigger is better – Ultra brightness means your screen can be huge. The HD20-LV can deliver SMPTE standard brightness† on screen sizes of up to nearly 5m - making it suitable for small auditoriums or events with a large audience.

HD20-LV Connections

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

HD20-LV Specifications Highlights	
Full HD	Native 1080P (1920 x1080)
ANSI Contrast**	350:1 ANSI
Dynamic Contrast	4000:1
Audible Noise	29dB Standard mode
Brightness[1]	2500 Video Optimised Lumens
Throw Ratio	1.5 ~ 1.8
Lamp Life[2] (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	5060059044764

For full specifications please visit the website at: www.optoma.co.uk

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† Calculated with the Society of Motion Picture and Television Engineers recommendations of a minimum image brightness of 16 Foot Lamberts. Data used: 2500 Lumens flat white field, 16:9 screen diagonal with a gain of 1.0

[1]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. [2]Typical lamp life achieved through testing. Will vary according to operational use and environmental conditions. ** "ANSI Contrast" is a recognised contrast measurement technique as described in the standard IEC 61947-1

HDMI HIGH DEFINITION MULTIMEDIA INTERFACE V1.3 with DeepColor

PICTURE BY DLP TEXAS INSTRUMENTS

V2 - 18/02/11