

HD28DSE

Darbbee Special Edition – clearer, sharper and **visually stunning**

- Award winning Darbee Visual Presence™ technology inside
- Brighter, exciting vivid colours at 3,000 ANSI lumens
- Full HD 1080p image quality
- Easy connectivity - 2x HDMI + MHL support and built-in 10W speaker



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Coming October 2015

Optoma revolutionises home projection with intense detail approaching Ultra HD picture quality. Critically acclaimed Darbee Visual Presence image processing, coupled with Optoma's legendary projection technology dramatically intensifies image quality. This provides the flexibility to fine tune the projector for a clearer, sharper and a simply stunning visual experience. Perfect for movies, gaming and sports.

With two HDMI inputs and built-in speaker the HD28 Darbee Special Edition is easy to setup and use. It can even be turned into a smart projector by connecting a smartphone or tablet with a single cable using MHL to stream videos, play games and share photos on the big screen.

HD28DSE Specification

Display Technology	DLP
Native Resolution	1080p 1920 x 1080
Brightness ¹ (Bright Mode)	3000 ANSI Lumens
Contrast	30,000:1
Noise Level (Eco mode)	28dB
Weight (kg)	2.58
I/O Connectors	2 x HDMI (1.4a 3D support) + MHL v1.2, Audio Out 3.5mm, 12V trigger, 3D-Sync, USB-A Power (0.9A), USB service
Computer Compatibility	UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac
Video Compatibility	1080p, 1080i, 720p, 576i/p, 480i/p
Displayable Colours	1073.4 Million
Projection Lens	F/2.5~2.67; f=21.9~24mm, 1.1x Manual Zoom
Throw Ratio	1.48 - 1.62:1
Projection Screen Size	1.06 - 7.67m (41.8" - 300") Diagonal 16:9
Projection Distance	1.5 - 10m
Zoom Type	1.1x Manual
Aspect Ratio	16:9 Native, 16:10/4:3 Compatible
Offset	116% ±5%
Horizontal Scan Rate	15.375~91.146 KHz
Vertical Scan Rate	24 ~ 85Hz (120Hz for 3D)
Lamp Type	210W
Lamp Life ² Bright	4000 (hrs)
Keystone Correction	± 40° Vertical and Horizontal
Dimensions (W x D x H) (mm)	315 x 224 x 114
Power Supply	Input: 110 - 220v
Power Consumption	233W Bright mode / 193W Eco mode (< 0.5W Standby)
Operating Conditions	5°C - 40°C, Max. Humidity 85%, Max. Altitude 3000m
Uniformity	80%
Security	Security bar, Kensington lock, password protection
Standard Accessories	AC power cord, remote control, 2x AA batteries, quick start card, CD user manual
Optional Accessories	Wireless 3D system, Wireless 3D glasses, DLP@ Link™ 3D glasses, wireless, ceiling mount
RoHS	Compliant
3D Support	Full 3D - The 3D features of Optoma projectors can only be used with compatible 3D content. Typical applications include use with 3D educational or 3D design and modelling systems. 3D TV broadcast systems, (SKY in the UK), Blu-ray 3D™ and 3D games from the Sony® PS3 or Microsoft® Xbox 360 are now supported as part of the HDMI v1.4a specification.
3D Compatibility	Side-by-Side: 1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60
Speaker	10
Warranty	0
On Screen Display	27 Languages: English, French, German, Spanish, Italian, Portuguese, Dutch, Swedish, Finnish, Greek, Danish, Norwegian, Polish, Russian, Simplified_Chinese, Traditional_Chinese, Korean, Arabic, Japanese, Thai, Hungarian, Czechoslovak, Turkish, Vietnamese, Farsi, Romanian, Indonesian
Optional Wireless	Yes

