

The Smallest Wide-Boy On the Street



HD
ready



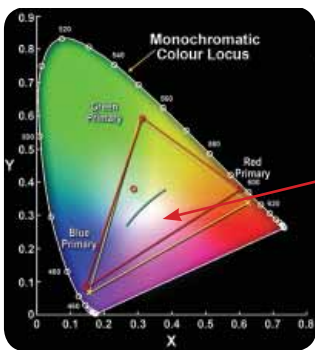
Widescreen; HD ready The EP1691 offers amazing brightness and yet is extremely small and light. Only 1.4kg in a compact stylish design, it is ideal for use with today's widescreen notebooks and HD sources. Ultra bright 2500 lumens delivers winning presentations, stunning video graphics and life-like movies.

- Native 16:10 WXGA (1280 x 768), 16:9 and 4:3 compatible
- 2500 lumens to highlight the finest detail in ambient light conditions
- Designer styling: light, compact at 1.4kg. Ideal for use on the move
- Optoma Colour Enhancement Technology and 2500:1 contrast gives exceptional colour to create crystal clear presentations and video
- **Optoma 10 Year Colour Guarantee**
- Digital and Analogue connectivity, capability includes: DVI, HDMI, VGA
- Customised start-up logo: set your own start-up graphics to impress your audience
- DLP® Filter-free design for zero maintenance – No routine servicing

- Express start-up & cool down
- Luxury Carry case for easy portability
- Built in speaker for multi media use
- Long Lamp Life – 3000 hours standard

Optoma Colour Enhancement Technology maximises colour accuracy for deeper saturated colours

Optoma guarantees colour quality will remain as new for 10 years*



Optima Colour Enhancement Technology

Specifications

EP1691	
Native Resolution	WXGA 1280 x 768
Compressed Resolution	up to WXGA+ (1440 x 900)
Brightness	2500L
Contrast	2500:1
Noise Level	33dB
Lamp Life	3000/2000 (STD/BRIGHT mode)**
Display Technology	Single 0.65" WXGA type A DMD chip
Weight / Dimensions (W x D x H)	1.4 kg / 220 x 178 x 71
Remote Control	Full Function Remote Mouse with Laser and Direct Source selecting
INPUTS:	DVI-D via adaptor 15 Pin D-Sub VGA (SCART & Component via adaptor) S-Video 4 Pin Mini Din Composite RCA 3.5mm Stereo Jack USB (remote mouse)
Audio	1 x 1W Speaker
Aspect Ratio	16:10 Native, 16:9, 4:3 Compatible
Keystone Correction	± 30 Degrees Vertical
On Screen Display	16 Languages: English, German, French, Italian, Spanish, Portuguese, Polish, Dutch, Russian, Finnish, Swedish, Greek, Norwegian/Danish, Hungarian, Czech & Arabic
Video Compatibility	PAL SECAM 576i/p, NTSC 480i/p, HD 720p/1080i
Uniformity	85%
Displayable Colours	16.7 Million
Projection Lens	F=2.55 ~ 2.72, f=21.3 ~ 24.5mm, 1.15x Manual Focus
Throw Ratio	1.5 ~ 1.8:1 (Projection Distance:Image Width)
Projection Distance	1.2 - 12m
Image Size	0.79 - 9.43m (30.95" - 371.42") Diagonal 16:10
Horizontal / Vertical Scan Rate	15 - 91.4kHz / 43 - 87Hz
Lamp Type	200W Lamp
Power Supply	100-240V, 50-60Hz with PFC Power Supply
Power Consumption	250W Maximum < 5W Standby mode
Operating Conditions	Operating: 5 - 40 C, 80% Humidity (Max), 3000m Altitude (Max)
Security	One Kensington Lock Port, Password Protection
Standard Accessories	Lens Cover, AC Power Cord, VGA Cable, USB Cable, Full Function Remote, Batteries x 2, Soft Carry Bag, Quick Start Guide, CD User Manual, Warranty, WEEE Card
RoHS	Compliant
Lamp Warranty	6 months or 1000 hours - whichever comes sooner
Warranty	Warranty may vary by country. Please see www.optoma-europe.com or ask your local supplier for details
Colour Guarantee	10 Years



EP1691 Remote Control

- 1 Laser
- 2 Remote Mouse
- 3 Vertical Keystone Correction
- 4 Volume Control
- 5 Brightness Adjustment
- 6 AV Mute
- 7 Direct Input Source Selection

EP1691 Connections

- 8 USB (remote mouse)
- 9 Audio In
- 10 S-Video
- 11 Composite
- 12 VGA In - Component & SCART via adaptor
- 13 DVI-D (Via adaptor)
- 14 Kensington™ Lock



EP1691 Projection Distance 1.2 - 12m (16:10 Aspect Ratio)							
Projection Distance (m)	Max. Horizontal Image size (m)	Min. Horizontal Image size (m)	Max. Screen Height (m)	Min. Screen Height (m)	Max. Diagonal Image Size (m)	Max. Diagonal Image Size (Inch)	Max. Image Offset (m)
1.20	0.80	0.67	0.50	0.42	0.94	37.14	0.14
2.00	1.33	1.11	0.83	0.69	1.57	61.90	0.23
2.50	1.67	1.39	1.04	0.87	1.97	77.38	0.29
3.00	2.00	1.67	1.25	1.04	2.36	92.85	0.35
4.00	2.67	2.22	1.67	1.39	3.14	123.81	0.47
5.00	3.33	2.78	2.08	1.74	3.93	154.76	0.58
6.00	4.00	3.33	2.50	2.08	4.72	185.71	0.70
7.00	4.67	3.89	2.92	2.43	5.50	216.66	0.82
8.00	5.33	4.44	3.33	2.78	6.29	247.61	0.93
9.00	6.00	5.00	3.75	3.13	7.08	278.56	1.05
10.00	6.67	5.56	4.17	3.47	7.86	309.51	1.17
11.00	7.33	6.11	4.58	3.82	8.65	340.47	1.28
12.00	8.00	6.67	5.00	4.17	9.43	371.42	1.40

For guide purposes only

EP1691 is capable of 16:9 & 4:3 aspect ratio projection. When projecting a 16:9 & 4:3 image the image sizes, screen height and offset information will differ to that of above.

Optoma recommends Panoview screens

Panoview
www.panoview.eu

Optoma Europe Ltd.
42 Caxton Way, Watford Business Park, Watford, Hertfordshire, UK. WD18 8OZ

www.optoma.co.uk

* Optoma guarantee that in normal use, Optoma DLP® colour quality will be indistinguishable from when new. Please note that worn lamps will give slight variance. Exclusion: (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. **Typical lamp life achieved through testing. Will vary according to operational use and environment conditions. Copyright © 2006, Optoma Europe Ltd. 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. Errors and omissions excepted, all specifications are subject to change without notice. DLP® and the DLP logo are registered trademarks of Texas Instruments.