

The Smallest Wide-Boy On the Street



HD
ready



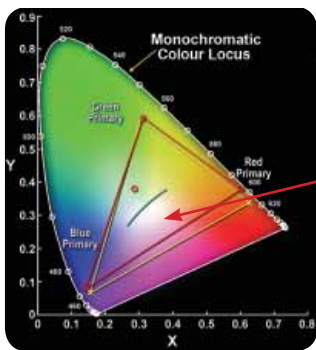
Widescreen; HD ready The EP1691 offers amazing brightness and yet is extremely small and light. Only 1.4kg in a compact stylish design, it is ideal for use with today's widescreen notebooks and HD sources. Ultra bright 2500 lumens delivers winning presentations, stunning video graphics and life-like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



Optoma 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.optomaeurope.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 8QZ

www.optoma.eu

* 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.