

**Optoma**

**EP7155**  
**EP1691**

Digital DLP® Projector

# Small in Size Big on Impression



EP7155

EP1691

The tiniest native 16:9 projector



With the EP7155/EP1691, Optoma has taken the portable projector to another level. The tiny case is 2/3 smaller than standard A4 paper, easily fits in your briefcase with your notebook. Due to the Aluminum-Magnesium alloy casing, the EP7155/EP1691 is truly ultra-portable projector with a weight of only 1.45kg that unveils remarkable presentations anywhere your work takes you.

- Texas Instruments DLP® Technology
- Native 16:9 WXGA (1280x768) wide-screen display (EP1691)
- Native 4:3 XGA (1024x768) display (EP7155)
- Bright and crisp picture quality with 2500 lumens and 2500:1 contrast ratio
- Ultra light weight 1.45 kg
- Built-in Texas Instruments professional video processor with advanced motion adaptive deinterlacing
- Optoma proprietary TrueVivid™ technology
- HDTV and wide-screen laptop capable
- AV mute direct key
- Direct power on and quick power off
- Full featured remote control (remote mouse / laser pointer / key pad lock)

# EP7155 / EP1691 - Digital DLP® Projector

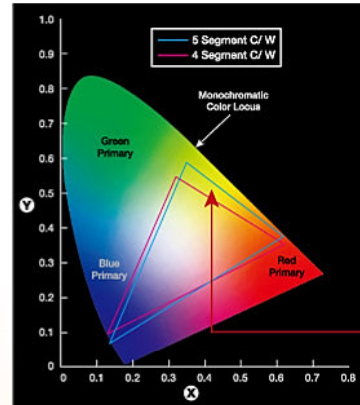
## EP7155



## EP1691



Optoma proprietary TrueVivid™ technology affords better balanced chrominance and luminance for life-like colors, giving the viewer the ultimate visual experience.



Bright, vivid colors

### Specification

#### EP7155

#### EP1691

<b>Display Technology</b>	TI DLP® technology / 0.55" XGA (EP7155); 0.65" WXGA (EP1691) DC2 DMD chip	
<b>Native Resolution</b>	XGA (1024x768)	WXGA (1280x768)
<b>Compressed Resolution</b>	Computer capability up to UXGA (1600x1200) 60Hz	Computer capability up to WXGA+ (1680x1050) 60Hz
<b>Brightness</b>	2500 ANSI Lumens	
<b>Contrast Ratio</b>	2500 : 1	
<b>Displayable Colors</b>	134.2 million colors	
<b>Projection Lens</b>	F# 2.55 ~ 2.72, f = 21.3 ~ 24.5mm 1.15X Zoom Lens	
<b>Projection Image Size</b>	33.55 ~ 310.82 inches (4:3)	39.13 ~ 300.09 inches (wide-screen)
<b>Projection Distance</b>	1.5 ~ 12 meters	1.5 ~ 10 meters
<b>Throw Ratio (distance/screen width)</b>	1.9 ~ 2.2:1	1.53 ~ 1.76:1
<b>Digital Keystone Correction</b>	± 15° (vertical)	
<b>Aspect Ratio</b>	4:3 Native, 16:9 Compatible	16:9 Native, 4:3 Compatible
<b>Scan Rate</b>	Horizontal: 15 ~ 91.4KHz; Vertical: 43 ~ 87 Hz	
<b>PC Compatibility</b>	WXGA+ (EP1691 only), UXGA, SXGA Compression; VESA standards, Compatible for PC, Macintosh	
<b>Video Compatibility</b>	HDTV (720p, 1080i), SDTV (480i/p, 576 i/p), Full NTSC, PAL, PAL-M/N, SECAM	
<b>Input / Output Connections</b>	HDMI (DVI-D with HDCP, no audio through) x1; S-Video x1; VGA(YPbPr/RGB/SCART) x1; RCA for Composite x1; Stereo Audio input x1; USB Port (For wireless mouse/service) x1; IR receiver (front) x1	
<b>Uniformity</b>	85 %	
<b>Operational Noise</b>	34dB (STD mode)	
<b>Lamp Type</b>	200 watt user replaceable lamp	
<b>Estimated Lamp Life</b>	3000 hours (STD mode) / 2000 hours (Bright mode)	
<b>Speaker</b>	1W speaker	
<b>Power Supply</b>	AC input 100 ~ 240V; 50/60 Hz	
<b>Weight</b>	1.45kg (3.2 lbs)	
<b>Dimensions (WxDxH)</b>	220mm x 178mm x 71mm	

### • EP7155

#### Projection Distance(meter) / Image Size(diagonal inch)

Projection Distance	Maximum Image	Minimum Image
1.5	38.9	33.6
2.0	51.8	44.7
2.5	64.8	55.9
3.0	77.7	67.1
4.0	103.6	89.5
5.0	129.5	111.8
6.0	155.4	134.2
7.0	181.3	156.6
8.0	207.2	179.0
9.0	233.1	201.3
10.5	272.0	234.9
11.0	284.9	246.1

For guide purposes only

### • EP1691

#### Projection Distance(meter) / Image Size(diagonal inch)

Projection Distance	Maximum Image	Minimum Image
1.5	45.0	39.1
2.0	60.0	52.2
2.5	75.0	65.2
3.0	90.0	78.3
3.5	105.0	91.3
4.0	120.0	104.4
5.0	150.0	130.4
6.0	180.1	156.5
7.0	210.1	182.6
8.0	240.1	208.7
9.0	270.1	234.8
10.0	300.1	260.9
11.0	330.1	287.0

For guide purposes only

### I / O Ports



- 1 USB
- 2 Audio
- 3 S-Video
- 4 Composite Video
- 5 VGA / SCART
- 6 Digital Video (HDMI)

Available from:

[www.optoma.com](http://www.optoma.com)

All Specifications are subject to change without notice.  
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