

## Truly Brilliant SXGA+ High Contrast Projector



**Sharp: SXGA+ 1400x1050 Pixels**  
**Bright: 3500 Lumens**  
**Clear: 3000:1 Contrast**

The Optoma EP910: An ultra high performance projector for installation or mobile applications where the highest detail and brightness are required. Outstanding HD Ready video performance, better than many dedicated Home Theatre projectors, thanks to DC3 DLP® chip and 10 Bit image processing.

The high resolution display reveals the precision of CAD drawings, large spreadsheets and High Definition Video. The high brightness allows larger, more impressive pictures in meeting rooms, reception areas and other public places where ambient light might otherwise wash out the colour. The high contrast and 10 bit video image processing ensure precise reproduction of subtle image detail.

**HD**  
**ready**

- HD Ready
- Sleek Low-Noise Design 28 dB
- Exceptional Connectivity. Video and Audio
- Picture in Picture
- Picture Outside Picture
- RS232 Control for AV environments
- RJ45 Control for IP environments
- Full function Remote control with mouse and LASER
- PIN Security
- 10 Bit Image Processing

# EP910

## Digital DLP® Projector

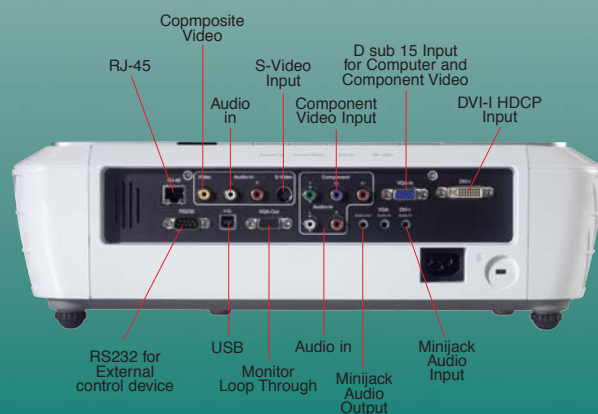


EP910 optical	throw ratio	2	2.4
	focus range	1.2m	10m

all distances in metres except where stated

Projection Distance/Image Width					
Projection Distance(M)	Screen Width(Max)	Screen Width(Min)	Screen Height(Max)	4:3 Diagonal(Max)	Diag (Max) inches
1.20	0.60	0.50	0.45	0.75	29.5
2.00	1.00	0.83	0.75	1.25	49.2
2.50	1.25	1.04	0.94	1.56	61.5
3.00	1.50	1.25	1.13	1.88	73.8
4.00	2.00	1.67	1.50	2.50	98.4
5.00	2.50	2.08	1.88	3.13	123.0
6.00	3.00	2.50	2.25	3.75	147.6
7.00	3.50	2.92	2.63	4.38	172.2
8.00	4.00	3.33	3.00	5.00	196.9
9.00	4.50	3.75	3.38	5.63	221.5
10.00	5.00	4.17	3.75	6.25	246.1
11.00	5.50	4.58	4.13	6.88	270.7
12.00	6.00	5.00	4.50	7.50	295.3

For guide purposes only



### Specification

<b>Display Technology</b>	Single 0.95" DarkChip3™ DLP® technology from Texas Instruments
<b>Resolution</b>	Native SXGA+ (1400 x 1050) Max.Size: PC-UXGA (1600x1200) Video-1080p (1920x1080)
<b>Brightness</b>	3500 lumens
<b>Contrast Ratio</b>	3000:1
<b>Lamp life (typical)</b>	2000 hours
<b>Throw ratio (distance/ width)</b>	2.0:1 to 2.4:1
<b>Image Size (diagonal)</b>	24.4" to 292.5" inches
<b>Noise Level (typical)</b>	28dB ECO Mode
<b>Remote Control</b>	Full function remote control with mouse and laser pointer
<b>HDTV Compatibility</b>	1080i/p, 720p (50 and 60Hz)
<b>Monitor Loop Through</b>	D-sub 15 VGA output (functional in both normal and standby modes)
<b>Lamp Type</b>	300W UHP
<b>Projection Distance</b>	1.2 to 12 meters (3.9 to 39.3 feet)
<b>Computer Compatibility</b>	UXGA compressed, SXGA+ native, XGA, SVGA, VGA, PC, Macintosh
<b>Video Compatibility</b>	NTSC (M, 3.58/4.43 MHz), PAL (B,D,G,H,I,M,N), SECAM (B,D,G,K,K1,L), SDTV (480i/p), 576i/p, HDTV (720p, 1080i/p)
<b>Aspect Ratio</b>	4:3 native, 16:9 & 5:4 compatible
<b>Projection Lens</b>	f = 39.12 - 46.94 mm, F/2.6 - 2.82, 1:1.2 manual zoom and focus
<b>Audio</b>	Two 2-watt stereo speakers, audio input for each video source
<b>Keystone Correction</b>	± 16° Horizontal and Vertical, Automatic vertical keystone correction
<b>Vertical Refresh Rate</b>	43 to 120 Hz
<b>Power Supply</b>	Input 100-240V, AC 50-60Hz
<b>Power Consumption</b>	430 watts (maximum), standby mode < 10 watts
<b>Cooling</b>	Adaptive cooling: optimum performance with minimum noise
<b>Operating Temperature</b>	41-95F (5-35 C) (80% humidity)
<b>Displayable Colors</b>	10 bit per channel colour processing
<b>Projection Method</b>	Front/ rear/ ceiling-mount/ table-top
<b>Uniformity</b>	85%
<b>I/O Connectors</b>	<b>Inputs:</b> DVI-I HDCP, VGA, S-Video, Component video, composite video. 4x stereo audio. <b>Outputs:</b> VGA and Audio monitor loop through, USB <b>Control:</b> RS-232, RJ45 (ethernet)
<b>Standard accessories</b>	AC power cord, S-Video, VGA cable, RS-232 9pin Dsub cable, SCART VGA adapter, remote control includes batteries, quick start guide, users guide, lens cap, warranty card
<b>Optional accessories</b>	Ceiling mount kit, VGA to component cable, DVI to DVI cable, USB cable
<b>Weight</b>	4.5 kg
<b>Dimensions (w x h x d)</b>	411 x 116 x 311 mm
<b>Lamp Warranty</b>	6 months or 1000 hours whichever is the sooner. See website for more details
<b>EAN code</b>	5060059040858

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\*Typical lamp life achieved through testing. Will vary according to operational use and environment conditions.

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