

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

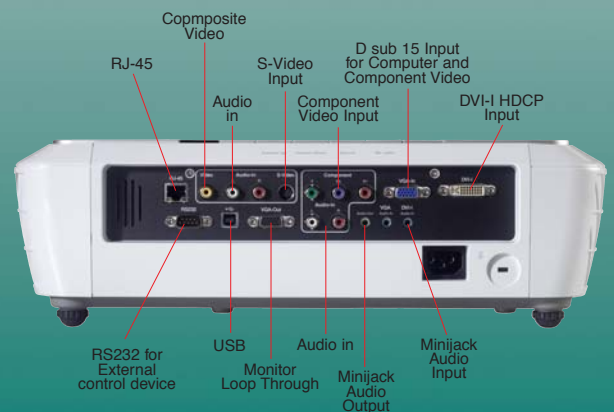


EP910 optical	throw ratio	2	2.4
	focus range	1.2m	12m

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

Display Technology	Single 0.95" DarkChip3™ DLP® technology from Texas Instruments
Resolution	Native SXGA+ (1400 x 1050) Max.Size: PC-UXGA (1600x1200) Video-1080p (1920x1080)
Brightness	3500 lumens
Contrast Ratio	3000:1
Lamp life (typical)	2000 hours
Throw ratio (distance/ width)	2.0:1 to 2.4:1
Image Size (diagonal)	0.63-7.5m
Noise Level (typical)	28dB ECO Mode
Remote Control	Full function remote control with mouse and laser pointer
HDTV Compatibility	1080i/p, 720p (50 and 60Hz)
Monitor Loop Through	D-sub 15 VGA output (functional in both normal and standby modes)
Lamp Type	300W UHP
Projection Distance	1.2 to 12 meters
Computer Compatibility	UXGA compressed, SXGA+ native, XGA, SVGA, VGA, PC, Macintosh
Video Compatibility	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)
Aspect Ratio	4:3 native, 16:9 & 5:4 compatible
Projection Lens	f = 39.12 - 46.94 mm, F/2.6 - 2.82, 1:1.2 manual zoom and focus
Audio	Two 2-watt stereo speakers, audio input for each video source
Keystone Correction	± 16° Horizontal and Vertical, Automatic vertical keystone correction
Vertical Refresh Rate	43 to 120 Hz
Power Supply	Input 100-240V, AC 50-60Hz
Power Consumption	430 watts (maximum), standby mode < 10 watts
Cooling	Adaptive cooling: optimum performance with minimum noise
Operating Temperature	41-95F (5-35 C) (80% humidity)
Displayable Colors	10 bit per channel colour processing
Projection Method	Front/ rear/ ceiling-mount/ table-top
Uniformity	85%
I/O Connectors	Inputs: DVI-I HDCP, VGA, S-Video, Component video, composite video. 4x stereo audio. Outputs: VGA and Audio monitor loop through, USB Control: RS-232, RJ45 (ethernet)
Standard accessories	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
Optional accessories	Ceiling mount kit, VGA to component cable, DVI to DVI cable, USB cable
Weight	4.5 kg
Dimensions (w x h x d)	411 x 116 x 311 mm
Lamp Warranty	6 months or 1000 hours whichever is the sooner. See website for more details
EAN code	5060059040858

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

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