

Digital Image Processing

Intelligent image optimisation provided by industry leading Pixelworks technology



Input Signal Memory

Each input signal type has its own memory enabling perfect fine tuning and matching of all sources

Dual Mode

Equally at home displaying stunning Widescreen (16:9) or Standard (4:3) aspect ratio material for viewing images from; Computers, PDAs, DVD players, TV or games consoles

Specifications

Display	(DLP™) Technology by Texas Instruments
Computer Compatibility	XGA 1024 x 768 Native, SXGA Compatible
Video Compatibility	PAL, SECAM, NTSC, EDTV, HDTV (480p, 720p 1080P)
Brightness (max ANSI Lumens)	1300
Contrast (full on - full off)	1600:1
Aspect Ratio	4:3 & 16:9
Audible Noise	32db
Number of Colours	16.7 Million Colours
Projection Lens	F/2.44~2.69, F= 28.8~34.5mm
Projection Screen Size	20-272" Diagonal
Throw Distance	1.25m-12m
Throw Ratio	2.17-2.94 (projection distance/image width)
Horizontal Scan Rate	31~97KHz
Vertical Refresh Rate	43~120Hz
Lamp Type	150W user replaceable P-VIP Lamp
Lamp Life	2000 hours
Keystone Correction	Digital, +/-16 degrees
Audio	One Internal speaker with 2 Watt Output
Weight	1.68kg 3.7lbs
Dimension	246 x 210 x 71 ± 1mm
Remote Mouse Control	Remote Mouse Control with mouse function and laser pointer
Power Supply	AC input 100~240V auto-switching power supply
Power Consumption	220W (max)
Operation Temperature	10°C~ 40°C / 50F~104F
Uniformity (Typical)	90%
Warranty	Three (3) Years Limited Warranty, Parts and Labour
Standard Accessories	AC Power Cord, VESA M1-A to VGA and USB Cable, One Mini DIN 4 pin S-Video Cable, 3.5mm Phone Jack to RCA pin Composite Video Cable, SCART Adapter (Composite, 2 x Audio) 3.5mm Phone Jack to 3.5mm Phone Jack Audio Cable, Wireless Remote Control with USB Mouse function and Laser Pointer, Battery x 2, Multilingual User's Guide (CD-ROM), Multilingual Quick Start Cards, Remote Control Driver (CD-ROM), Soft Carrying Bag, Lens Cover.
Optional Accessories	Ceiling Mount Kit

Light Engine

Texas Instruments, DLP™, 12", Double Data Rate, Digital Mirror Device -



The most advanced XGA DLP™ chip currently available. The 12" tilt combined with "Dark Metal" technology enables the 1600:1 contrast ratio. Double Data Rate processing ensures exceptional image quality.



EP736 Projection Distance/Image Size

ALL DISTANCES IN METRES				
Projection Distance	Min. Diagonal Image Size	Max. Diagonal Image Size	Min. Horizontal Image Size	Max. Horizontal Image Size
1.25	0.53	0.72	0.43	0.58
2.00	0.85	1.15	0.68	0.92
3.00	1.28	1.73	1.02	1.38
4.00	1.70	2.30	1.36	1.84
5.00	2.13	2.88	1.70	2.30
6.00	2.55	3.46	2.04	2.76
7.00	2.98	4.03	2.38	3.23
8.00	3.40	4.61	2.72	3.69
9.00	3.83	5.18	3.06	4.15
10.00	4.25	5.76	3.40	4.61
11.00	4.68	6.34	3.74	5.07
12.00	5.10	6.91	4.08	5.53

Due to a process of continuous improvements, specifications are subject to change without notice



Offices:- Optoma Europe Ltd (UK), Optoma Germany GmbH, Optoma France, Optoma Scandinavia.