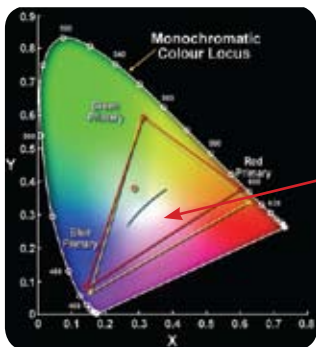# Optoma

Stylish and Ultra Bright

The Optoma EP763 has been designed specifically for installation type environments, yet is small, stylish and compact for mobile applications. Feature rich, XGA and ultra bright 3500 lumens delivers winning business presentations and stunning video graphics.

- Digital and Analogue connectivity, DVI-D with HDCP, 2 x VGA - SCART & Component Compatible, S-Video, Composite Video, 4 x audio inputs & 12v trigger

- Optoma Colour Enhancement Technology and 2200:1 contrast gives exceptional colour to create crystal clear presentations and video

- Optoma 10 Year Colour Guarantee

- 10 seconds start-up and cool down time to reduce both time and money in energy use

- Long Lamp Life, easy to replace from top cover & DLP® filter-free design for zero maintenance

- Fully featured remote control with laser pointer and mouse control for seamless presentations

- Auto Power Off- Saves power and increases lamp life

- Exceptionally long life lamp – 4000 hours

- Individual audio connections – no need for an external switcher

- Extensive RS232 Command list for AV installations

- Password Security for added Protection

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

Native Resolution	XGA 1024 x 768
Compressed Resolution	SXGA+ (1400 x 1050)
Brightness	3500L
Contrast	2200:1
Noise Level	30dB
Lamp Life*	4000/3000 (STD/BRIGHT mode)
Display Technology	Single 0.55" XGA type X DMD chip, DLP® Technology by Texas Instruments
Weight	2.9 kg
Dimensions (W x D x H)	295 x 222 x 95.7mm
Remote Control	Full Function Remote with Mouse Control & Laser
INPUTS:	DVI-D HDCP, Digital RGB (HDMI via adaptor)
	2 x 15 Pin D-Sub VGA (SCART & Component via adaptor)
	S-Video 4 Pin Mini Din
	Composite RCA Jack
	4 x 3.5mm Stereo Jack
	USB (remote mouse)
CONTROL	RS232 3 Pin Mini DIN
OUTPUTS:	PC 15 Pin D-Sub (monitor loop-through)
	Audio Mini Jack
	+12v Trigger
Audio	1 x 2W Speaker
Aspect Ratio	4:3 Native, 16:9 Compatible
Keystone Correction	± 16 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=2.41 ~ 2.55, f=21.79 ~ 23.99mm, 1.1x Manual Focus
Throw Ratio	1.95 ~ 2.15:1 (Projection Distance:Image Width)
Projection Distance	1.2 - 12m
Image Size	0.70 - 7.70m (27.49" - 303.12") Diagonal 4:3
Horizontal Scan Rate	31.5 - 100kHz
Vertical Scan Rate	47 - 85Hz
Lamp Type	260W
Power Supply	100-240V, 50-60Hz
Power Consumption	360W Maximum < 10W 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

1	RS232	8	12v Trigger
2	USB (Remote Mouse)	9	Audio Out
3	S-Video	10	Audio In (S-Video & Composite)
4	Composite Video	11	Audio In (VGA 2)
5	VGA Loop through	12	Audio In (VGA 1)
6	VGA 1 - SCART	13	Audio In (DVI-D)
7	DVI-D	14	VGA 2

EP763 Projection Distance 1.2 - 12m (4:3 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	0.62	0.56	0.46	0.42	0.77	30.31	0.07
2.00	1.03	0.93	0.77	0.70	1.28	50.52	0.12
2.50	1.28	1.16	0.96	0.87	1.60	63.15	0.14
3.00	1.54	1.40	1.16	1.05	1.92	75.78	0.17
4.00	2.05	1.86	1.54	1.40	2.57	101.04	0.23
5.00	2.56	2.33	1.93	1.75	3.21	126.30	0.29
6.00	3.08	2.79	2.31	2.10	3.85	151.56	0.35
7.00	3.59	3.26	2.70	2.45	4.49	176.82	0.40
8.00	4.10	3.72	3.08	2.80	5.13	202.08	0.46
9.00	4.62	4.19	3.47	3.15	5.77	227.34	0.52
10.00	5.13	4.65	3.86	3.50	6.42	252.60	0.58
11.00	5.64	5.12	4.24	3.85	7.06	277.86	0.64
12.00	6.15	5.58	4.63	4.20	7.70	303.12	0.69

For guide purposes only

EP763 is capable of 16:9 aspect ratio projection. When projecting a 16:9 image the image sizes, screen height and offset information will differ to that of above.