








→ Home, Work & Play



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Ideal for business, education and home

-  Bright images day or night – 2600 lumens
-  Available in XGA & SVGA native resolution
-  Easy to use with games consoles, DVD players, digital satellite/TV boxes & PCs/ laptops
-  Vivid colours for stunning video & pictures
-  Password protection for added security
-  RS232 control for meeting room control systems
-  No Maintenance. Filter free design



EX530/ES520
Digital DLP® Projector

EX530/ES520

Specifications

	EX530	ES520
Native Resolution	XGA 1024 x 768	SVGA 800 x 600
Compressed Resolution	SXGA+ (1400 x 1050)	SXGA (1280 x 1024)
Brightness - BRIGHT mode	2600 Lumens	2600 Lumens
Contrast	2500:1	2500:1
Noise Level	30dB	30dB
Lamp Life**	4000/3000 (STD/BRIGHT mode)	4000/3000 (STD/BRIGHT mode)
Projection Lens	F/2.52~2.73; f=21.8~24mm, 1.1x Manual Zoom	F/2.55; f=22.2mm
Throw Ratio	1.93 - 2.16:1 (Projection Distance:Image Width)	2.0:1 (Projection Distance:Image Width)
Image Size	0.58 - 6.48m (22.8" to 255.22") Diagonal 4:3	0.94 - 6.26m (36.94" to 246.29") Diagonal 4:3
Display Technology	Single 0.55" XGA type X DMD chip DLP® Technology by Texas Instruments	Single 0.55" SVGA type X DMD chip DLP® Technology by Texas Instruments
Projection Distance	1.0 - 10m	1.5 - 10m
Weight / Dimensions (W x D x H)	2.5 kg / 280 x 205 x 80mm	
Remote Control	Full function remote with laser pointer, mouse control and direct source selecting	
INPUTS	15 Pin D-Sub VGA (SCART & Component via adaptor) S-Video 4 Pin Mini Din Composite RCA 2 x Stereo RCA - Audio USB (remote mouse)	
CONTROL	RS232 - 9 Pin D-Sub	
OUTPUT	Stereo Audio Mini Jack	
Audio	1 x 1W Speaker	
Aspect Ratio	4:3 Native, 16:9 Compatible	
Keystone Correction	± 30 Degrees Vertical	
On Screen Display	17 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/p	
Uniformity	85%	
Displayable Colours	16.7 Million	
Horizontal Scan Rate	15, 30 - 91.4kHz	
Vertical Scan Rate	43 - 87Hz	
Power Supply	100 - 240V, 50 - 60Hz	
Power Consumption	230W Maximum, Standby mode < 5W	
Operating Conditions	Operating: 5 - 40°C, 85% Humidity (Max), 3000m Altitude (Max)	
Security	One Kensington Lock Port, Password Protection	
Standard Accessories	Lens Cover, AC Power Cord, VGA Cable, Full Function Remote, Batteries x 2, 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	

Easy to use remote control



EX530/ES520 Remote Control

- 1 Laser
- 2 Remote Mouse
- 3 Vertical Keystone Correction
- 4 Volume Control
- 5 Brightness Adjustment
- 6 Contrast Adjustment
- 7 AV Mute
- 8 Direct Input Source Selection

EX530/ES520 Connections

- 9 USB (Remote Mouse)
- 10 S-Video
- 11 Composite
- 12 Audio In L & R
- 13 Audio Out
- 14 VGA - SCART & Component
- 15 RS232 - 9 Pin
- 16 Kensington™ Lock



Easy to use remote with buttons to change the input sources

Exceptional Connectivity/Multiple Terminals



EX530 Projection Distance 1.0 - 10m (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)
1.00	0.52	0.46	0.39	0.35	0.65	25.52	0.04
2.00	1.04	0.93	0.78	0.70	1.30	51.04	0.08
2.50	1.30	1.16	0.97	0.87	1.62	63.80	0.10
3.00	1.55	1.39	1.17	1.04	1.94	76.57	0.12
4.00	2.07	1.85	1.56	1.39	2.59	102.09	0.16
5.00	2.59	2.31	1.95	1.74	3.24	127.61	0.19
6.00	3.11	2.78	2.34	2.09	3.89	153.13	0.23
7.00	3.63	3.24	2.73	2.44	4.54	178.65	0.27
8.00	4.15	3.70	3.12	2.78	5.19	204.17	0.31
9.00	4.66	4.17	3.51	3.13	5.83	229.70	0.35
10.00	5.18	4.63	3.90	3.48	6.48	255.22	0.39

ES520 Projection Distance 1.5 - 10m (4:3 Aspect Ratio)					
Projection Distance (m)	Horizontal Image Size (m)	Screen Height (m)	Diagonal Image Size (m)	Diagonal Image Size (inch)	Image Offset (m)
1.50	0.75	0.56	0.94	36.94	0.06
2.00	1.00	0.75	1.25	49.26	0.08
2.50	1.25	0.94	1.56	61.57	0.09
3.00	1.50	1.13	1.88	73.89	0.11
4.00	2.00	1.50	2.50	98.51	0.15
5.00	2.50	1.88	3.13	123.14	0.19
6.00	3.00	2.26	3.75	147.77	0.23
7.00	3.50	2.63	4.38	172.40	0.26
8.00	4.00	3.01	5.00	197.03	0.30
9.00	4.50	3.38	5.63	221.66	0.34
10.00	5.00	3.76	6.26	246.29	0.38

For guide purposes only

EX530/ES520 is capable of 16:9 aspect ratio projection. When projecting a 16:9 image the image sizes, screen height and offset information will differ from the above.

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* Optoma guarantee that in normal use, Optoma DLP® colour quality will be indistinguishable from when new. Please note that worn lamps will give slight variance. Exclusion: *(1) Guarantee is voided if the projector is subject to damage through mis-use. (2) Guarantee may be void in industrial or commercial entertainment environments where dust or smoke is particularly excessive (3) Guarantee will not apply if lamp brightness is below 50% due to wear or if the projector is not working due to other fault. **Typical lamp life achieved through testing. Will vary according to operational use and environment conditions. Copyright © 2006, Optoma Europe Ltd. All other product names and company names used herein are for identifications purposes only and may be trademarks or registered trademarks of their respective owners. Errors and omissions excepted, all specifications are subject to change without notice. DLP® and the DLP logo are registered trademarks of Texas Instruments.

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