





# → Home, Work & Play

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## Ultimate Big Screen Viewing Experience

-  Easy to use with games consoles, DVD players, digital satellite/TV boxes & PCs/laptops
-  Bright images day or night – 2600 Lumens
-  Vivid colours for stunning video & pictures
-  No Maintenance. Filter free design

**ES520**  
Digital DLP® Projector

## Impressive Brightness, 100"+ image anywhere...

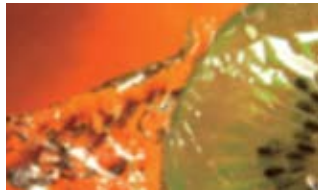
The Optoma ES520 is designed for when you need additional brightness in a stylish SVGA projector. At 2600 lumens, it is bright enough to display your videos and pictures in almost any lighting situation. The ES520 is a high performance projector built for long lasting reliability with rich colours and crisp, clear images.

### Image and colour enhancement technologies

**WITH**  
2500:1 contrast ratio



**WITHOUT**  
400:1 contrast ratio



#### Optoma Colour Enhancement Technology

Advanced colour processing for bright, vivid, lifelike colour.

\*Simulated Images

### AMAZING COLOURS

You'll be amazed with the vibrant life-like colours that are a unique function of the Optoma Colour Enhancement Technology bringing to life any image displayed.

### SAVING TIME & ENERGY

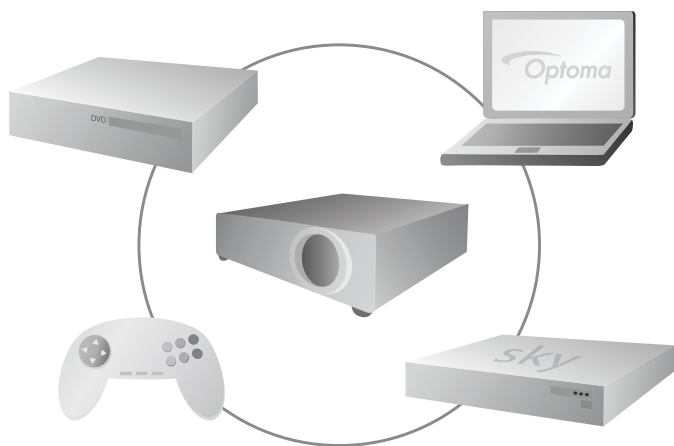
It takes less than 10 seconds for the projectors to power up and shutdown, so the ES520 not only saves time but energy too. Timer control function, to turn the projector off when it is unused, helps to save energy and extend the lamp life of the projector which is an astonishing 4000 hours\*.

Enjoy big bright  
pictures in your home  
anytime; anywhere;  
day or night.



## HOOK IT UP TO ALMOST ANYTHING!

Easy to use with most of your home entertainment and gaming devices; simply connect, power up and project. The ultimate big screen viewing experience.



## FEATURES

- Customised start up logo
- 5 preset picture modes
- Quick keystone correction
- RS232 control for control systems
- Password protection for added security
- Fully featured remote with mouse control & laser pointer

## COLOUR PERFORMANCE

**Optoma guarantees colour quality will stay as new for 10 years\***



We are so confident that the ES520 colours will not fade that we guarantee the colours will remain vibrant and vivid, even after many years of use.

## MAINTENANCE FREE

DLP® technology ensures lower cost of ownership, longer life and improved reliability compared to LCD projection technology.

Save time and money with the filter free projector design – no more regular filter replacement or cleaning required.



## Specifications

ES520	
Display Technology	Single 0.55" SVGA type X DMD chip DLP® Technology by Texas Instruments
Native Resolution	SVGA 800 x 600
Compressed Resolution	SXGA (1280 x 1024)
Brightness - BRIGHT mode	2600 Lumens
Contrast	2500:1
Noise Level	30dB
Lamp Life**	4000/3000 (STD/BRIGHT mode)
Projection Lens	F/2.55; f=22.2mm
Throw Ratio	2.0:1 (Projection Distance:Image Width)
Projection Distance	1.5 - 10m
Image Size	0.94 – 6.26m (36.94" to 246.29") Diagonal 4:3
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 <a href="http://www.optomaeurope.com">www.optomaeurope.com</a> or ask your local supplier for details
Colour Guarantee*	10 Years

## Easy to use remote control



### 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

### 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



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

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.

**Panoview**  
Optoma recommended Screens  
[www.panoview.eu](http://www.panoview.eu)

