Home, Work & Play

COLOUR GUARANTEED
10
YEARS

DLP
PICTURE BY
TEXAS INSTRUMENTS

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

ES520

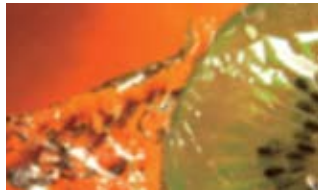## Impressive Brightness, 100"+ image anywhere...

The Optoma ES520 is designed for when you need additional brightness in an 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.
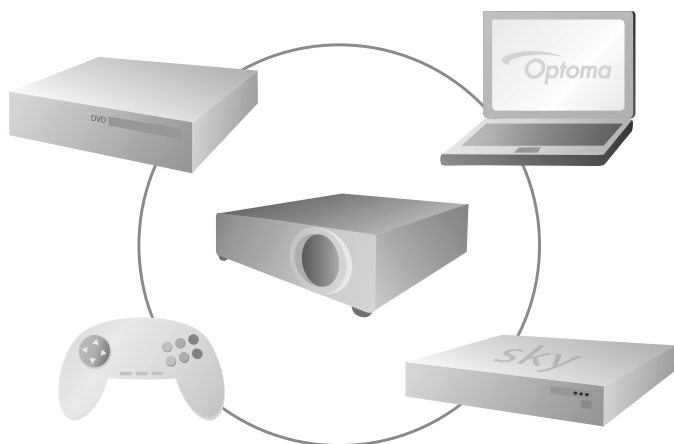
SAVING TIME & ENERGY

It takes less than 10 seconds for the projectors to power up and shutdown, so the ES520 not only save 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.

ES520

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 www.optomaeurope.com 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. Kesington™ Lock

Easy to use remote with buttons to change the inputs 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.

Optoma recommended Screens
www.panoview.eu

Free Manuals Download Website

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http://www.404manual.com

http://www.luxmanual.com

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