Optoma

Enhanced Widescreen

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HD ready

COLOUR GUARANTEED **10** YEARS

Widescreen presentations and HD entertainment

Bright, sharp images – 2700 Lumens

Supports games consoles, DVD players, digital satellite TV boxes – PC and laptop friendly

Realistic clear images – digital input

Vivid colours for presentations or movies

No maintenance – filter free design

EW628
Digital DLP® Projector

EW628

Mobile WXGA (1280 x 800) DLP® Projector

Widescreen, HD Ready. The EW628 delivers 2700 Lumens from a small, sleek & stylish design. Full-featured yet compact it is ideally partnered with a widescreen notebook and HD sources. Ceiling mounted or mobile this dual-purpose projector multi-tasks in both office and home environments.

TRUE WXGA RESOLUTION:

The EW628 is the perfect companion for widescreen laptops. Presentations are viewed as sharp and detailed as they appear on your notebook PC in WXGA (1280 x 800) resolution.

Image and colour enhancement technologies

WITH 2000:1 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 lifelike colours, a unique function of the Optoma Colour Enhancement Technology that brings to life any image displayed.

COLOUR PERFORMANCE

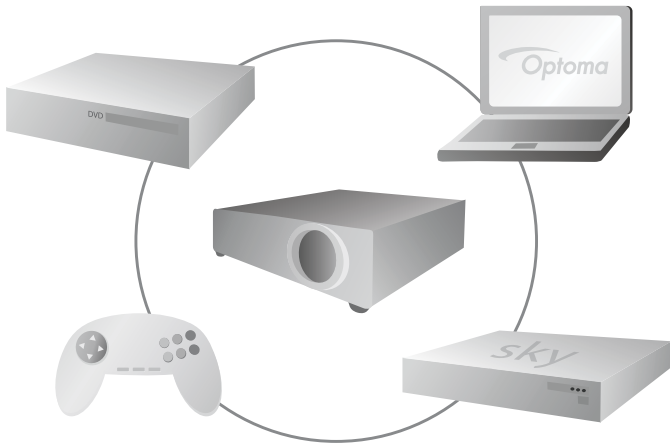**Optoma guarantees colour quality will stay as new for 10 years***

We are so confident that the EW628 colours will not fade that we guarantee the colours will remain vibrant and vivid, even after many years of use.

COLOUR GUARANTEED
10 YEARS

Brilliant business presentations... stunning results

HOOK IT UP TO ALMOST ANYTHING!

The EW628 is easy to use with most of your home entertainment and gaming devices. Simply connect, power up and project for the ultimate big screen viewing experience.

FEATURES

- 5 preset picture modes
- Quick keystone correction
- Password protection for added security
- Fully featured remote with mouse control and laser pointer
- Internal speaker
- Luxury carry-case included

SAVING TIME & ENERGY

It takes less than 15 seconds for the projector to power up and shutdown, so the EW628 not only saves time but energy too. Timer Control function turns the projector off when it is unused, saving energy and extending the lamp life of the projector to an astonishing 4000 hours**.

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.

EW628

Specifications

	EW628
Native Resolution	WXGA 1280 x 800
Compressed Resolution	up to WXGA+ (1440 x 900)
Brightness	2700/2500 Lumens (BRIGHT/STD mode)
Contrast	2000:1
Noise Level	31dB
Lamp Life**	4000/3000 (STD/BRIGHT mode)
Projection Lens	F/2.44 ~ 2.58, f=21.8 ~ 24.0mm, 1.1x Manual Zoom
Throw Ratio	1.55 - 1.7:1 (Projection Distance:Image Width)
Projection Distance	1.2 - 12m
Image Size	0.83 - 9.13m (32.77" - 359.44") Diagonal 16:10
Display Technology	Single 0.65" WXGA type A DMD chip DLP® Technology by Texas Instruments
Weight / Dimensions (W x D x H)	2 kg / 259 x 188 x 71.5mm
Remote Control	Full function remote with laser pointer, mouse control and direct source selecting
INPUTS	DVI-I (HDCP) — HDMI via adaptor; Component via adaptor; 2nd VGA via adaptor. 15 Pin D-Sub VGA — Component via adaptor. SCART via adaptor. S-Video 4 Pin Mini Din — Composite via adaptor. 3.5mm Mini Jack - Audio. USB (for remote mouse)
CONTROL	RS232 3 Pin Mini DIN
OUTPUTS	PC 15 Pin D-Sub VGA (monitor loop-through)
Audio	1 x 1W Speaker
Aspect Ratio	16:10 Native, 4:3 & 16:9 Compatible
Keystone Correction	± 18 Degrees Vertical
On Screen Display	17 Languages: English, German, French, Italian, Spanish, Portuguese, Polish, Dutch, Russian, Finnish, Swedish, Greek, Norwegian, Danish, Hungarian, Czech and Arabic
Video Compatibility	PAL SECAM 576i/p, NTSC 480i/p, HD 720p/1080i
Uniformity	85%
Displayable Colours	16.7 Million
Horizontal Scan Rate	31.5 – 100kHz
Vertical Scan Rate	47 – 85Hz
Power Supply	100 - 240V, 50 - 60Hz
Power Consumption	270W Maximum, Standby Mode < 10W
Operating Conditions	Operating: 5 - 35°C, 85% Humidity (Max), 3000m Altitude (Max)
Security	One Kensington Lock Port, Password Protection
Standard Accessories	Lens Cover, AC Power Cord, VGA Cable, S-Video & Composite adaptor, USB Cable, Carry Bag, Full Function Remote, Batteries x 2, Quick Start Guide, CD User Manual, Warranty Card, 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

EW628 Remote Control
1 Laser
2 Remote Mouse
3 Vertical Keystone Correction
4 Volume Control
5 Brightness Adjustment
6 AV Mute
7 Direct Input Source Selection

EW628 Connections
8 VGA Loop-through
9 VGA In – Component & SCART via adaptor
10 DVI-I – HDMI and 2nd VGA via adaptor
11 S-Video – Composite via adaptor
12 Audio In
13 RS232
14 USB (remote mouse)

Easy to use remote with buttons to change the input sources

Exceptional Connectivity/Multiple Terminals

EW628 Projection Distance 1.2 - 12m (16:10 Aspect Ratio)

Projection Distance (m)	Max. Horizontal Image Size (m)	Min. Horizontal Image Size (m)	Max. Vertical Image Size (m)	Min. Vertical Image Size (m)	Max Diagonal Image Size (m)	Max Diagonal Image Size (inch)	Max. Image Offset (m)
1.20	0.77	0.71	0.48	0.44	0.91	35.94	0.06
2.00	1.29	1.18	0.81	0.74	1.52	59.91	0.10
2.50	1.61	1.47	1.01	0.92	1.90	74.88	0.13
3.00	1.94	1.76	1.21	1.10	2.28	89.86	0.15
4.00	2.58	2.35	1.61	1.47	3.04	119.81	0.20
5.00	3.23	2.94	2.02	1.84	3.80	149.76	0.25
6.00	3.87	3.53	2.42	2.21	4.56	179.72	0.30
7.00	4.52	4.12	2.82	2.57	5.33	209.67	0.35
8.00	5.16	4.71	3.23	2.94	6.09	239.62	0.40
9.00	5.81	5.29	3.63	3.31	6.85	269.58	0.45
10.00	6.45	5.88	4.03	3.68	7.61	299.53	0.50
11.00	7.10	6.47	4.44	4.04	8.37	329.48	0.55
12.00	7.74	7.06	4.84	4.41	9.13	359.44	0.60

For guide purposes only

EW628 is capable of 4:3 and 16:9 aspect ratio projection. When projecting a 4:3/16:9 image the image sizes, screen height and offset information will differ from the above.

Panoview
Optoma recommended screens
www.panoview.eu

PICTURE BY DLP
TEXAS INSTRUMENTS