

## EW400

### Plug and Play Projection

- Native WXGA, 4000 ANSI lumens
- USB plug and play presenting
- Up to 6000 hours lamp life and 70% energy saving
- Crestron RoomView® – RJ45 control and monitoring



TEXAS INSTRUMENTS



HIGH DEFINITION MULTIMEDIA INTERFACE



## EW400

Stylish yet easy to use, the EW400 is a great WXGA multi functional projector. Impressive 4000L with technology brings to life business presentations, video graphics and movies on the big screen.

Designed with you, the presenter, in mind, the EW400 incorporates extensive connectivity, plug and play presenting, powerful 10W stereo speakers and Crestron RoomView control to maintain and monitor the projector over the network.

The environmentally friendly EW400 has energy saving features including <0.5W standby mode and auto power off saving you both time and money. Our unique Optoma Colour guarantee ensures hassle-free, long-lasting projection.

## Specification

Display Technology	Single 0.65" WXGA DC3 DMD chip DLP® Technology by Texas Instruments
Native Resolution	WXGA 1280 x 800
Brightness <sup>1</sup> (Bright Mode)	4000 ANSI Lumens
Contrast	15,000:1
Lamp Life <sup>2</sup> Eco/Bright	6000/3500 (hrs)
Throw Ratio	1.28 – 1.54:1
Zoom Type	1.2x Manual
I/O Connectors	HDMI, 2 x VGA (RGB/YPbPr), Composite, 2 x Audio In 3.5mm, Audio Out 3.5mm, VGA Out, RJ45, RS232, USB remote mouse/service, USB-A reader/wireless, USB display, Mic In
Speaker (Watts)	10
Keystone Correction	± 40° Vertical
Weight (kg)	2.04
Dimensions (W x D x H) (mm)	288 x 220 x 86
Aspect Ratio	16:10 Native, 16:9/4:3 Compatible
Offset	112.5% ±5%
Projection Screen Size	0.92 – 9.21m (36.18" – 362.71") Diagonal 16:10
Projection Distance	1.2 - 12m
Projection Lens	F/2.4~2.66; f=18.2~21.8mm, 1.2x Manual Zoom
Uniformity	80%
Maximum Resolution	UXGA 1600 x 1200
Computer Compatibility	UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac
Video Compatibility	PAL (B, D, G, H, I, M, N, 576i/p), NTSC (M, 4.43/3.58 MHz, 480i/p), SECAM (B, D, G, K, K1, L) HD (1080i, 720p)
3D Support	3D Ready - The 3D features of Optoma projectors can only be used with compatible 3D content. Typical applications include use with 3D educational or 3D design and modelling systems.
3D Compatibility	120Hz frame sequential 3D for resolutions up to 720P. 60Hz field sequential 3D for resolutions up to 480i.
Horizontal Scan Rate	15.3 - 91.1kHz
Vertical Scan Rate	24 - 85Hz
Displayable Colours	1.07 Billion
Noise Level (Eco mode)	29dB
Power Supply	100-240V, 50-60Hz
Power Consumption	299W Bright mode / 238W Eco mode (< 0.5W Standby)
Lamp Type	240W
Operating Conditions	5°C - 40°C, Max. Humidity 85%, Max. Altitude 3000m
Security	Security bar, Kensington lock, password protection
On Screen Display	19 Languages: English, German, French, Italian, Spanish, Portuguese, Polish, Dutch, Russian, Finnish, Swedish, Greek, Norwegian/Danish, Hungarian, Czech, Turkish, Romanian, Farsi, Arabic
Standard Accessories	Carry bag, Lens cap, AC power cord, VGA cable, remote control, 2x AA batteries, quick start card, CD user manual
Optional Accessories	DLP® Link™ 3D glasses, wireless, ceiling mount
Optional Wireless	Yes
Warranty	3 Years
RoHS	Compliant

## Easy to use remote control

### EW400 Remote Control

1. Power
2. Mouse select
3. Source
4. Re-sync
5. Left mouse click
6. Right mouse click
7. Mouse control
8. Laser
9. Page up/down control
10. Vertical keystone correction
11. Volume control
12. Brightness
13. Menu
14. Direct input source select
15. AV mute
16. Eco+
17. 3D control



### EW400 Connections

18. USB Type B (Remote Mouse)
19. HDMI
20. RS232
21. VGA Out
22. VGA 1
23. Composite
24. Microphone In
25. Audio Out
26. RJ45
27. USB Type A (Reader/Wireless)
28. USB Display
29. VGA 2
30. Audio In
31. Audio In
32. Kensington Lock



### EW400 Projection Distance 1.2 - 10m (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 Hd (m)
1.20	0.94	0.78	0.59	0.49	1.11	43.53	0.07
2.00	1.56	1.30	0.98	0.81	1.84	72.54	0.12
3.00	2.34	1.95	1.46	1.22	2.76	108.81	0.18
4.00	3.13	2.60	1.95	1.63	3.69	145.08	0.24
5.00	3.91	3.26	2.44	2.03	4.61	181.36	0.31
6.00	4.69	3.91	2.93	2.44	5.53	217.63	0.37
7.00	5.47	4.56	3.42	2.85	6.45	253.90	0.43
8.00	6.25	5.21	3.91	3.26	7.37	290.17	0.49
9.00	7.03	5.86	4.39	3.66	8.29	326.44	0.55
10.00	7.81	6.51	4.88	4.07	9.21	362.71	0.61

