Optoma

EW766
DLP® Projector

Versatile Widesceen Installation…

- PureShift (V&H Shift) & 1.5x Zoom

- Widescreen presentations and HD entertainment

- Bright projection – 4000 ANSI Lumens

- Digital and Analogue connectivity includes: HDMI, DVI-D, dual VGA

- Low ownership costs – up to 4000hrs lamp life

- Networking – RJ45 control and monitoring

- Environmentally friendly design <1W standby mode

- DLP® filter-free design – Virtually no maintenance

BrilliantColor

5 year IMAGER GUARANTEE

COLOUR GUARANTEED 5 YEARS
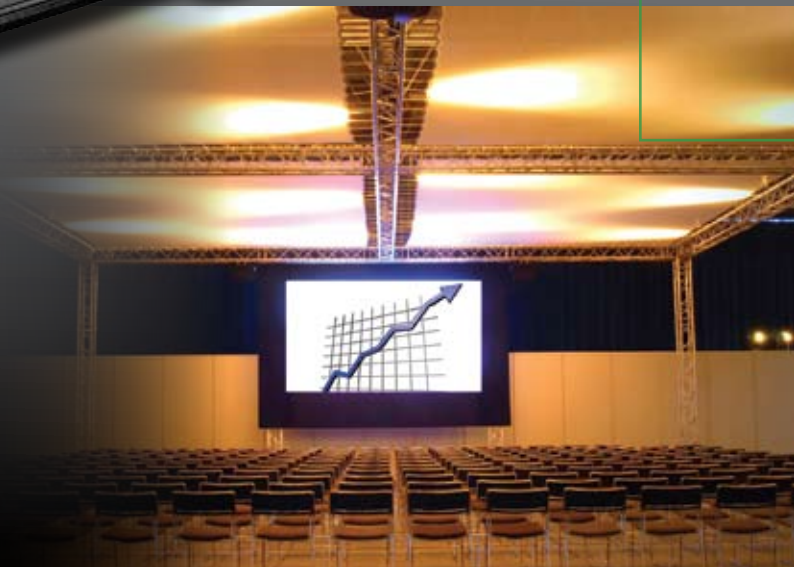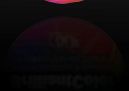
Powerful installation projector

Widescreen, HD Ready. The high performance EW766 with a brightness of 4000 ANSI Lumens is ideally partnered with a widescreen notebook and HD sources to deliver bright widescreen images from a great distance.

The introduction of PureShift technology gives your projector outstanding flexibility and with a 1.5x zoom makes the EW766 an ideal replacement for existing ceiling mounted systems.

The environmentally friendly EW766 has energy saving features including <1W standby mode and auto power off saving you both time and money. Long lamp-life of 4000hrs combined with our unique Optoma Colour and Imager guarantees ensure hassle-free, long-lasting projection.

1.5X ZOOM AND PURESHIFT - EASY INSTALLATION

The EW766 can project a 100" diagonal image from any distance between 3.4m and 5.2m. The PureShift system provides a lens shift function that can be used to adjust the position of the projected image either horizontally or vertically within the range detailed in the diagrams below.

When replacing existing projectors, the 1.5x zoom and PureShift system will greatly increase your installation flexibility.

25%
Max

30%
Max

30%
Max

5.2m

100"
Screen

3.4m
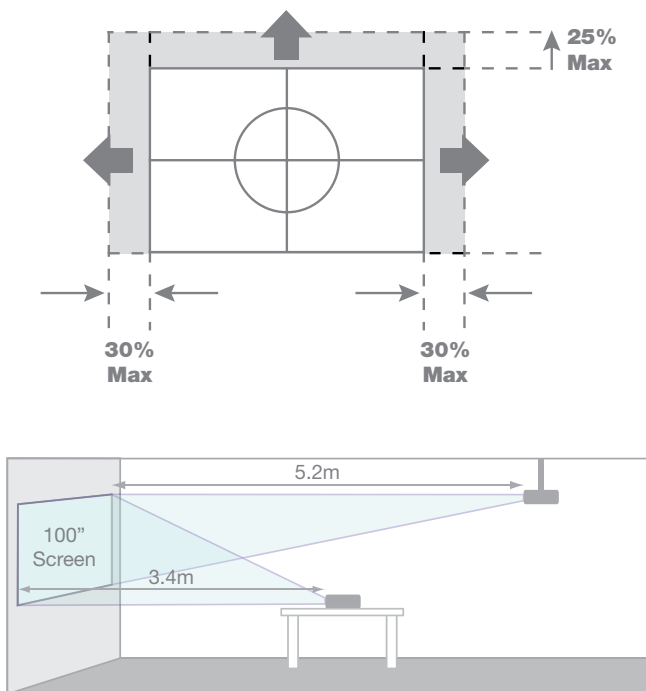
Above diagrams for guide purposes only

TRUE WXGA RESOLUTION

The EW766 is the perfect companion for widescreen laptops. Your presentations will appear as sharp and detailed as they do on your widescreen laptop in WXGA (1280 x 800). WXGA resolution gives 30% more pixels than XGA.

XGA

WXGA

PROJECTOR CONTROL AND MANAGEMENT

Projectors can be controlled and monitored over a network (LAN) using a web browser.

- Manage up to 99 projectors at the same time (via master PC)
- Control and alter the projector settings using a simple web browser page
- Instant onscreen display of messages to projectors
- Set up email alerts for warning messages
- Ideal for large installations both in the educational and business environments

1   2   3
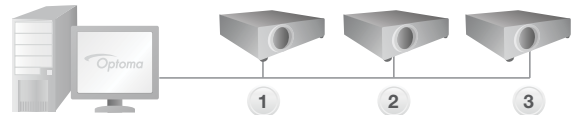
CONTROL

The extensive RS232 command structure makes it simple and easy to control the EW766 with any control system.

AMX Compatibility – Dynamic Discovery Protocol is incorporated into the EW766. This feature allows for easy installation with AMX control systems.

EXTENSIVE CONNECTIVITY

This native WXGA projector accepts a wide variety of computer and video input signals. Connectivity includes: HDMI, dual VGA–SCART and Component, S-Video, Composite, RS232 and RJ45.

Three audio inputs for individual PC and video connections enable the EW766 to function as an audio switcher and volume controller, thereby eliminating complicated and costly additional audio hardware and cabling.

CLEAR, FOCUSED IMAGES

Technology from Texas Instruments produces a stunning 2500:1 contrast ratio for pin sharp graphics and crystal clear text. Crisper whites, ultra-rich blacks make images come alive and text easier to read - ideal for business and education presentations.

easier to read

500:1 contrast ratio   2500:1 contrast ratio

‡Simulated Image

AMAZING COLOURS

The EW766 incorporates BrilliantColor™ technology to produce stunningly bright images with perfectly balanced life-like colours.

COLOUR AND IMAGE PERFORMANCE

Optoma guarantees colour quality will remain as new for 5 years*

Once you've purchased the EW766, Optoma guarantees that the colours will not fade and the image performance will not degrade for a minimum of 5 years.

MAINTENANCE FREE = LOWER TOTAL COST OF OWNERSHIP (TCO)

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

The filter-free projector design means no more regular filter cleaning or replacements, saving you time and money.

ENVIRONMENTALLY FRIENDLY

The EW766 incorporates energy saving features to reduce power consumption and extend the lamp life.

The timer control functions can automatically switch the projector off to standby mode <1W, conserving power and extending the lamp life to an astonishing 4000hrs**.

FEATURES

- Preset display modes
- Easy to use remote with laser pointer, mouse control and direct source selection
- Direct power on and Auto power off
- Customised start-up logo

EW766 SPECIFICATIONS

Brightness - BRIGHT mode	4000 ANSI Lumens
Contrast	2500:1
Native Resolution	WXGA 1280 x 800
Compressed Resolution	UXGA (1600 x 1200)
Noise Level	28dB
Keystone Correction	± 40° Vertical
PureShift Movement	+25% Vertical, ±30% Horizontal (Max Movement) **Before installation please read EW766 install guide**
Projection Lens	F/2.45 ~ 2.9; f=22.18 ~ 33.27mm, 1.5x Manual Zoom
Throw Ratio	1.57 - 2.39:1 (Projection Distance:Image Width)
Projection Distance	1.2 - 10m
Image Size	0.59 – 7.51m (23.32" - 295.71") Diagonal 16:10
Display Technology	Single 0.65" WXGA DMD chip DLP® Technology by Texas Instruments
Aspect Ratio	16:10 Native, 16:9, 4:3 Compatible
Lamp Life**	4000/3000 (STD/BRIGHT mode)
Weight	4.6 kg
Dimensions (W x D x H)	364 x 283 x 127 mm
Remote Control	Full function remote with mouse control, laser pointer and direct source selecting
INPUTS	HDMI via adaptor SCART via adaptor Component via adaptor S-Video 4 Pin Mini Din Composite RCA 3 x 3.5mm Audio Mini Jack USB (remote mouse)
CONTROL	RS232 - 3 Pin D-sub & RJ45 - Network Control
OUTPUT	15 Pin D-Sub VGA (monitor loop-through) 3.5mm Audio Mini Jack +12v Trigger
Audio	4W Speaker
On Screen Display	18 Languages: English, German, French, Italian, Spanish, Portuguese, Polish, Dutch, Russian, Finnish, Swedish, Greek, Norwegian, Danish, Hungarian, Czech, Turkisk & Arabic
Video Compatibility	PAL SECAM 576i/p, NTSC 480i/p, HD 720p/1080i/1080p
Uniformity	85%
Displayable Colours	134.2 Million
Horizontal Scan Rate	15 - 91.1kHz
Vertical Scan Rate	50 - 85Hz
Power Supply	100 - 240V, 50 - 60Hz
Power Consumption	233W BRIGHT mode < 1W Standby mode 207W STD mode < 1W Standby mode
Operating Conditions	Operating: 5 - 40˚C, 85% Humidity (Max), 3000m Altitude (Max)
Security	Kensington Lock Port, Password Protection
Standard Accessories	Lens Cover, AC Power Cord, VGA Cable, RS232 Cable, USB Cable, 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*	5 Years
Imager Guarantee***	5 Years

EASY TO USE REMOTE CONTROL

EW766 Remote Control
1 Laser
2 Remote Mouse
3 Page Up/Down Control
4 Help/Enter
5 Vertical Keystone Correction
6 Volume Control
7 AV Mute
8 Digital Zoom Control
9 Direct Input Source Selection

EW766 Connections
10 USB (Remote Mouse)
11 HDMI (audio supported)
12 DVI-D
13 VGA 1 - SCART & Component
14 VGA 2
15 VGA Out
16 S-Video
17 Composite Video
18 RS232 - 3 Pin
19 RJ45
20 Audio In (DVI-D)
21 Audio In (VGA 1 & 2)
22 Audio Out
23 Audio In L&R (S-Video & Composite)
24 +12v Trigger
25 Kensington™ Lock

Exceptional Connectivity / Multiple Terminals
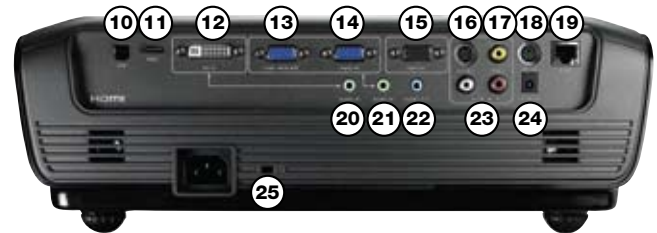
Easy to use remote with buttons to change the input sources

EW766 Projection Distance 1.2 - 10m (16:10 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)	Min Diagonal Image Size (inch)	Max Diagonal Image Size (inch)
1.20	0.76	0.50	0.48	0.31	0.90	23.31	35.49
2.00	1.27	0.84	0.80	0.52	1.50	38.85	59.14
2.50	1.59	1.05	1.00	0.65	1.88	48.56	73.93
3.00	1.91	1.26	1.19	0.78	2.25	58.28	88.71
4.00	2.55	1.67	1.59	1.05	3.00	77.70	118.29
5.00	3.18	2.09	1.99	1.31	3.76	97.13	147.86
6.00	3.82	2.51	2.39	1.57	4.51	116.55	177.43
7.00	4.46	2.93	2.79	1.83	5.26	135.98	207.00
8.00	5.10	3.35	3.18	2.09	6.01	155.40	236.57
9.00	5.73	3.77	3.58	2.35	6.76	174.83	266.14
10.00	6.37	4.18	3.98	2.62	7.51	194.26	295.71

For guide purposes only

EW766 is also capable of 16:9 & 4:3 aspect ratio projection. When projecting a 16:9 & 4:3 image the image sizes, screen height and offset information will differ from the above.

Panoview
Optoma recommended Screens
www.panoview.eu

DLP PICTURE BY
TEXAS INSTRUMENTS