

# EX765W

DLP® Projector

## Wireless Installation...

- PureShift (V&H Shift) & 1.6x Zoom
- Bright projection – 4000 ANSI Lumens
- Built-in wireless – cable free presenting
- Networking – RJ45 control and monitoring
- Digital and Analogue connectivity includes: HDMI, DVI-D, dual VGA
- Low ownership costs – up to 4000hrs lamp life
- Environmentally friendly design <1W standby mode
- DLP® filter-free design – Virtually no maintenance



## Powerful wireless installation projector

With built-in wireless, the Optoma EX765W is perfect for large room installations. Its high performance combined with a brightness of 4000 ANSI Lumens allow it to achieve crystal clear images that can be viewed from a great distance.

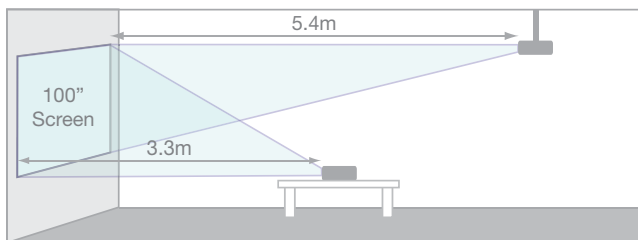
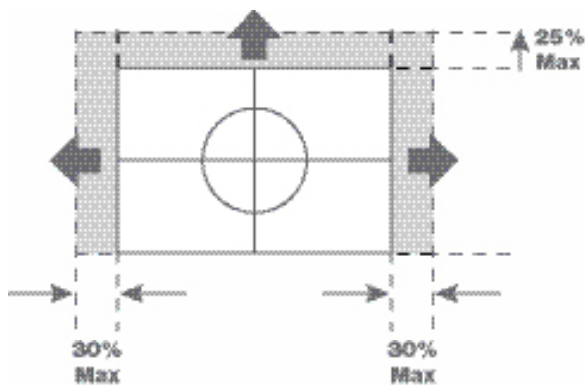
The introduction of PureShift technology and 1.6x zoom gives your projector outstanding placement flexibility and with a 1.6x zoom, making the EX765W an ideal replacement for existing ceiling mounted systems.

The environmentally friendly EX765W 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 guarantee ensures hassle-free, long-lasting projection.

### 1.6X ZOOM AND PURESIFT - EASY INSTALLATION

The EX765W can project a 100" diagonal image from any distance between 3.3m and 5.4m. 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 1.6x zoom and PureShift system will greatly increase your installation flexibility.



Above diagrams for guide purposes only

### CONTROL

The extensive RS232 command set makes it simple and easy to control the EX765W with any control system.



AMX Compatibility – Dynamic Discovery Protocol is incorporated into the EX765W. This feature allows for easy installation with AMX control systems.

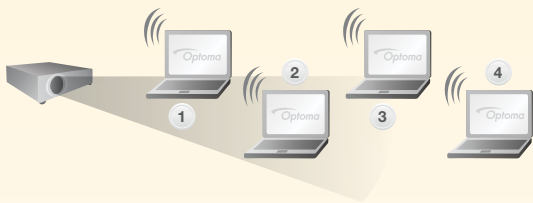


### FEATURES

- 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

## WIRELESS PRESENTING

Project presentations and video files cable-free with the wireless features of the EX765W. Save time with simple switching between multiple PC sources. Just download the software and begin presenting instantly.

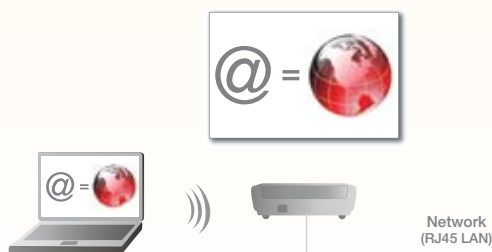


Secure wireless projection with WEP 64/128-bit and session login security protection to prevent unauthorised access to information on the wireless transmission.

- Transfer and display presentation material or stream video content (up to 720p).
- Multiple display of up to 4 different images to one screen



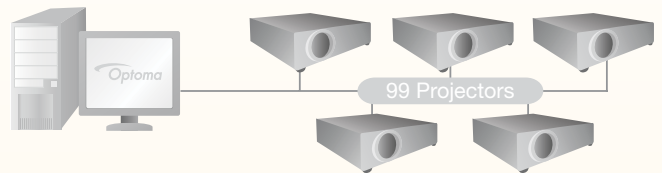
- Magnify and display with sound, streamed video from the internet



## PROJECTOR CONTROL AND MANAGEMENT

Built-in network (LAN) provides a host of features to control, monitor and send information to a projector using a web browser. Using a unique IP address, you can share and access a projector through an existing network.

- Control and manage up to 99 projectors individually or combined (using a master PC/laptop) in a installation such as a university or office.



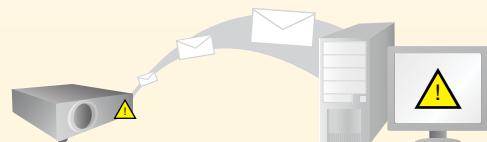
- Internet and LAN access through RJ45 connection - single access point. It can also function as DHCP server for your network.



- Preset the projectors to automatically turn on/off at specified times during the day or during the week.



- Alert emails can be sent to a registered address to advise on issues such as a lamp replacement. IT managers can be kept up to date 24/7 about the status of a projector on the network. This reduces the cost of managing multiple projectors in a building.



## EXTENSIVE CONNECTIVITY

This native XGA 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 selectable audio inputs for individual PC and video connections enable the EX765W 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.



500:1 contrast ratio

2500:1 contrast ratio

\*Simulated Image

## AMAZING COLOURS

The EX765W incorporates BrilliantColor™ technology to produce stunningly bright images with perfectly balanced life-like colours.

Preset display modes allow you to achieve a perfect image in a variety of different environments.

## COLOUR GUARANTEE

We are so confident that the EX765W image colour quality will remain as good as the day you bought it that Optoma will guarantee it for five 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 EX765W 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\*\*.

EX765W Projection Distance 1.2 - 10m (4:3 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	0.74	0.45	0.56	0.34	0.93	22.39	36.49
2.00	1.23	0.76	0.93	0.57	1.54	37.32	60.81
2.50	1.54	0.95	1.16	0.71	1.93	46.64	76.01
3.00	1.85	1.14	1.39	0.85	2.32	55.97	91.22
4.00	2.47	1.52	1.86	1.14	3.09	74.63	121.62
5.00	3.09	1.89	2.32	1.42	3.86	93.29	152.03
6.00	3.70	2.27	2.78	1.71	4.63	111.95	182.43
7.00	4.32	2.65	3.25	1.99	5.41	130.61	212.84
8.00	4.94	3.03	3.71	2.28	6.18	149.26	243.24
9.00	5.56	3.41	4.18	2.56	6.95	167.92	273.65
10.00	6.17	3.79	4.64	2.85	7.72	186.58	304.06

For guide purposes only

EX765W 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.

## EX765W SPECIFICATIONS

Brightness - BRIGHT mode	4000 ANSI Lumens
Contrast	2500:1
Native Resolution	XGA 1024 x 768
Compressed Resolution	UXGA (1600 x 1200)
Noise Level	28dB
Keystone Correction	± 40° Vertical
PureShift Movement	+25% Vertical, ±30% Horizontal (Max Movement)
<b>Before installation please read EX765W install guide</b>	
Projection Lens	F/2.41 ~ 3.2; f=18.39 ~ 29.42mm, 1.6x Manual Zoom
Throw Ratio	1.62 - 2.64:1 (Projection Distance:Image Width)
Projection Distance	1.2 - 10m
Image Size	0.57 - 7.72m (22.39" - 304.06") Diagonal 4:3
Display Technology	Single 0.55" XGA DMD chip DLP® Technology by Texas Instruments
Aspect Ratio	4:3 Native, 16:9 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 (HDCP) - audio supported, DVI-D (HDCP), 2 x 15 Pin D-Sub VGA (SCART & 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 (LAN) & Wireless
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, Turkish & 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 <a href="http://www.optomaeurope.com">www.optomaeurope.com</a> or ask your local supplier for details
Colour Guarantee*	5 Years

Easy to use remote with buttons to change the input sources



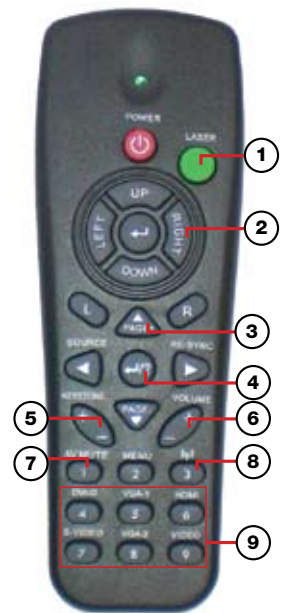
## WIRELESS SPECIFICATIONS

Range (Typical)	Up to 30m indoor, 50m outdoor without obstacle
Compliance	IEEE 802.11b/g
Data transfer rate	Up to 54 Mbps
Frequency	2.4GHz
Display resolution	SVGA (800 x 600), XGA (1024 x 768), WXGA (1280 x 768)
Colour	24-bit colour depth
Operating temperature	0~45°C
Operating humidity	≤90%
Storage humidity	≤80%
<b>SYSTEM REQUIREMENTS</b>	
Operating system	Microsoft® Windows 2000, XP or Vista
CPU	Intel Pentium III-800 MHZ (or greater)
RAM	256MB of RAM required, 512 MB or more recommended
WLAN adaptor	A supported WLAN adaptor for a WLAN connection (Any NDIS-compliant 802.11b or 802.11g Wi-Fi device)
Other	Minimum 10MB of available hard-Disk space

## EASY TO USE REMOTE CONTROL

### EX765W Remote Control

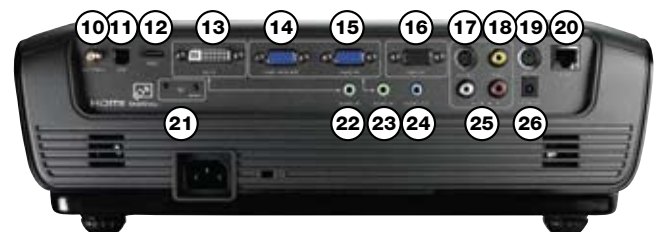
- 1 Laser
- 2 Remote Mouse
- 3 Page Up/Down Control
- 4 Help/Enter
- 5 Vertical Keystone Correction
- 6 Volume Control
- 7 AV Mute
- 8 Wireless
- 9 Direct Input Source Selection



### EX765W Connections

- 10 Wireless dongle
- 11 USB (Remote Mouse)
- 12 HDMI (audio supported)
- 13 DVI-D
- 14 VGA 1 - SCART & Component
- 15 VGA 2
- 16 VGA Out
- 17 S-Video
- 18 Composite Video
- 19 RS232 - 3 Pin
- 20 RJ45
- 21 Wireless reset
- 22 Audio In (DVI-D)
- 23 Audio In (VGA 1 & 2)
- 24 Audio Out
- 25 Audio In L&R (S-Video & Composite)
- 26 +12v Trigger

### Exceptional Connectivity / Multiple Terminals



**Optoma Europe Ltd.**  
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[www.optoma.eu](http://www.optoma.eu)



\*Optoma guarantees that in normal use, Optoma DLP® colour quality will be indistinguishable from when new. Exclusions: (a) Guarantee is voided if the projector is subject to damage through misuse. (b) Guarantee may be void in industrial or commercial entertainment environments where dust or smoke is excessive (c) Guarantee will not apply if lamp brightness is below 50% due to wear or if the projector is not working due to other faults. (d) Over time worn lamps within all projector types will show a slight colour variance. \*\*Typical lamp life achieved through testing. Will vary according to operational use and environment conditions. Copyright © 2012, 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®, BrilliantColor™ and the DLP logo are registered trademarks of Texas Instruments. All images of products are for representation purposes only. Whilst every care is taken to provide accurate images of our products, actual products may differ slightly. Some product images may have been digitally altered by us to add an Optoma logo to the front panel. Optoma reserves the right to amend or alter actual product or product images without notice. Some images may be simulated.