Optoma

Widescreen All-rounder...
Bright Installations...
Portable Design

HD ready

COLOUR GUARANTEED
10 YEARS

Widescreen presentations and HD entertainment

Exceptional brightness – 3600 ANSI Lumens

Stunning image clarity – digital input

Networking – controlled and monitored using RJ45

Quiet operation – 30dB

Luxury carry-case for use on the move

No maintenance – filter free design

EW674N
Digital DLP® Projector

EW674N

Native widescreen, HD Ready and exceptionally bright, the EW674N is designed with medium to large sized conference rooms and venues in mind. Astonishing 3600 ANSI Lumens, network capabilities, extensive connectivity and colour technology complete its sleek and compact design.

Installed or on the move the EW674N is ideally partnered with a widescreen notebook and HD sources to deliver bright vivid presentations and videos.

TRUE WXGA RESOLUTION

With native WXGA (1280 x 800) resolution, the EW674N is the perfect companion for widescreen laptops. Your presentations will appear as sharp and detailed as they do on your widescreen notebook.

COLOUR PERFORMANCE

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

We are so confident that the EW674N colours will not fade that we guarantee the colours will remain vibrant and vivid, even after many years of use.

COLOUR GUARANTEED 10 YEARS

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

EXTENSIVE CONNECTIVITY

This native WXGA projector accepts a wide variety of computer and video input signals.

Connectivity includes: DVI-I, VGA–SCART and Component, S-Video, Composite, RS232 and RJ45.

In addition, connect to the vast range of smooth release Panoview electric screens, operated via the integrated +12v trigger when the projector is switched on.

NETWORK CONTROL

Projectors can be controlled and monitored over a LAN network using a web browser.
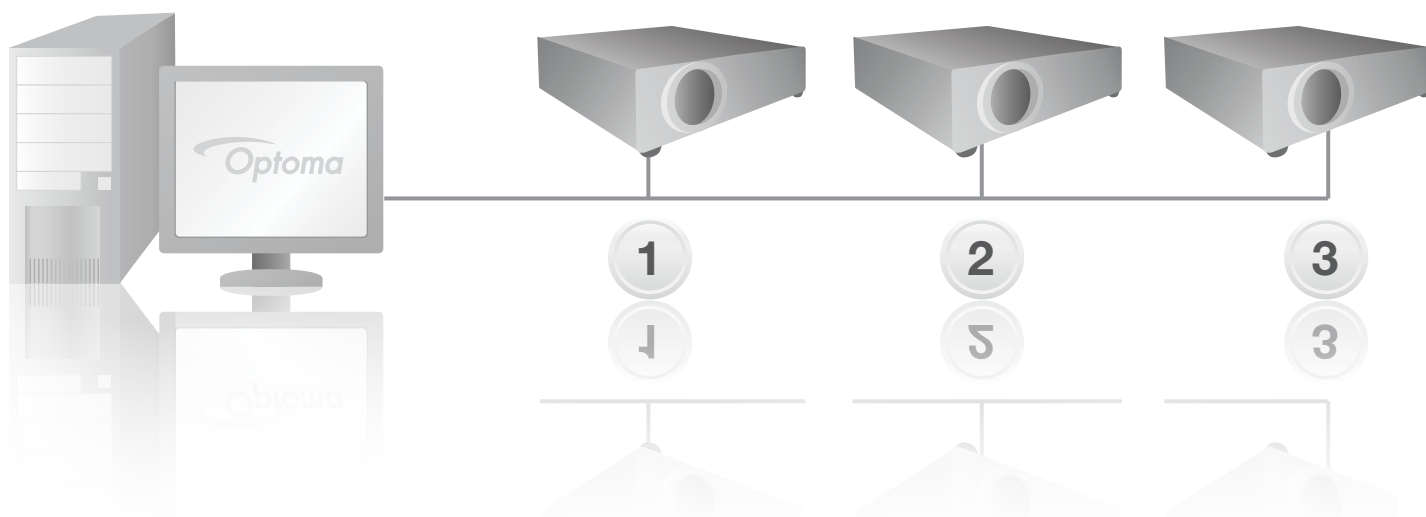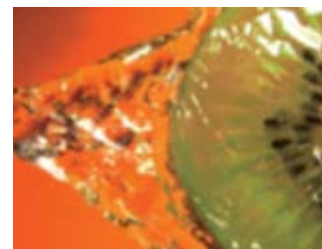
EASY TO USE

Quiet Operation

The EW674N features Optoma's whisper-quiet design, highly effective in reducing audible noise levels to 30dB.

Multi-Language Support

The OSD menu supports up to 18 European languages including French, German, Polish, Dutch, Swedish and Arabic.

Easy Lamp Replacement

The lamp can easily be replaced in situ even if the projector is ceiling mounted.

SECURITY

Password Protected Operation

Acts as a theft deterrent and prevents unauthorised usage.

Key Pad Lock

Unauthorised adjustments are prevented by ensuring the projector can only be controlled via the remote control.

ENERGY SAVING

Auto Power Off

If after a pre-determined time the projector does not receive a signal, it will turn itself off, conserving power and extending the life of the lamp.

Fast Switch On

Image displayed moments after switch on.

Low Power Standby Mode

Reduces energy consumption.

CUSTOMISED START UP SCREEN

First impressions are important so set the company logo as the start up screen to make that lasting impression.

MAINTENANCE FREE

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

Save time and money with the filter free projector design – no more regular filter replacement or cleaning required.

CONTROL

The extensive RS232 command set makes it simple and easy to control the EW674N with any control system.

AMX Compatibility – Dynamic Discovery Protocol is incorporated into the EW674N. This feature allows for easy installation with AMX control systems.

EW674N

Specifications

	EW674N
Native Resolution	WXGA 1280 x 800
Compressed Resolution	up to UXGA (1600 x 1200)
Brightness	3600 ANSI Lumens
Contrast Ratio	2500:1
Noise Level	30/32dB (STD/BRIGHT mode)
Display Technology	0.65" WXGA type A DMD chip DLP® Technology by Texas Instruments
Dimensions (W x D x H)	300 x 244 x 100.5
Weight	3.7 kg
Lamp Life**	3000/2000 hours (STD/Bright mode)
Remote Control	Full function remote with laser pointer, mouse control and direct source selecting
INPUTS	DVI-I (HDCP) HDMi via adaptor
	2nd VGA via adaptor
	15 Pin D-Sub VGA Component via adaptor
	SCART via adaptor
	S-Video 4 Pin Mini Din
	Composite RCA Jack
	3.5mm Audio Mini Jack-Audio computer inputs
	2 x Stereo RCA-Audio video inputs
	USB (for remote mouse)
CONTROL	RS232 9 Pin Mini DIN and RJ45 Network Control
OUTPUTS	PC 15 Pin D-Sub VGA (monitor loop-through)
	3.5mm Audio Mini Jack
	+12v Trigger
Audio	3W Speaker
Aspect Ratio	16:10 Native, 4:3 and 16:9 compatible
Keystone Correction	± 30° Vertical
On Screen Display	18 Languages: English, German, French, Italian, Spanish, Portuguese, Polish, Dutch, Russian, Finnish, Swedish, Greek, Norwegian, Danish, Hungarian, Czech, Turkish and Arabic
Video Compatibility	PAL SECAM 625/576i\p, NTSC 525/480i\p, HD 720p/1080i
Uniformity	85%
Displayable Colours	16.7 Million
Projection Lens	F/2.6 ~ 2.77, f=21.3 ~ 24.5mm, 1.15x Manual Zoom
Throw Ratio	1.51 – 1.74:1 (Projection Distance:Image Width)
Projection Distance	1.0 – 11m
Image Size	0.68 – 8.59m (26.68" – 338.21") Diagonal 16:10
Horizontal Scan Rate	15, 31 – 90kHz
Vertical Scan Rate	50 – 85Hz
Power Supply	100 – 240V, 50 – 60Hz
Power Consumption	350W Maximum, Standby < 5W
Operating Conditions	Operating: 5 – 40˚ C, 80% Humidity (Max), 3000m Altitude (Max)
Security	One Kensington Lock Port, Password Protection
Standard Accessories	Lens Cover, AC Power Cord, VGA Cable, Composite Cable, 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 will vary by country. Please see www.optomaeurope.com or ask your local supplier for details
Colour Guarantee*	10 Years

Easy to use remote control

EW674N Remote Control
1. Laser
2. Remote Mouse
3. Vertical Keystone Correction
4. Volume Control
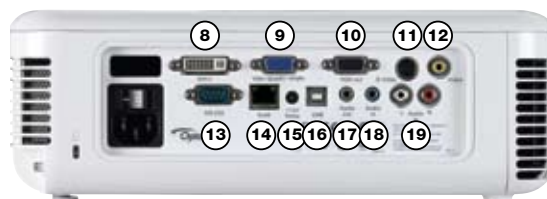5. Zoom Control
6. AV Mute
7. Direct Input Source Selection

EW674N Connections
8. DVI-I HDMI and 2nd VGA via adaptor
9. VGA-SCART & Component
10. VGA Loop-through
11. S-Video
12. Composite Video
13. RS232-9 Pin
14. RJ45
15. +12v Trigger
16. USB (remote mouse)
17. Audio Out
18. Audio In (DVI-I & VGA)
19. Audio In L&R (S-Video & Composite)

Easy to use remote with buttons to change the input sources

Exceptional Connectivity/Multiple Terminals

EW674N Projection Distance 1.0 - 11m (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)
1.00	0.66	0.57	0.41	0.36	0.78	30.75	0.05
2.00	1.32	1.15	0.83	0.72	1.56	61.49	0.10
2.50	1.66	1.44	1.03	0.90	1.95	76.87	0.12
3.00	1.99	1.72	1.24	1.08	2.34	92.24	0.15
4.00	2.65	2.30	1.66	1.44	3.12	122.99	0.20
5.00	3.31	2.87	2.07	1.80	3.90	153.73	0.25
6.00	3.97	3.45	2.48	2.16	4.69	184.48	0.30
7.00	4.64	4.02	2.90	2.51	5.47	215.22	0.35
8.00	5.30	4.60	3.31	2.87	6.25	245.97	0.40
9.00	5.96	5.17	3.73	3.23	7.03	276.72	0.45
10.00	6.62	5.75	4.14	3.59	7.81	307.46	0.50
11.00	7.28	6.32	4.5	3.95	8.59	338.21	0.55

For guide purposes only

EW674N 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

DLP TEXAS INSTRUMENTS — PICTURE BY