The Optoma X345 is the perfect XGA projector for classrooms, small businesses, and training labs. With 3200 lumens and a 22000:1 contrast ratio, the X345 produces a sharp image with rich color and deep blacks. PC and Mac users can use the sRGB color space profile to create rich, accurate color derived from the primaries of REC.709b HDTV specification.

Wall Color Adjustment utilizes various gamma profiles to improve brightness on projection surfaces of varying colors while Edge Mask provides a smooth, consistent image by eliminating both the soft and jagged edges often present from low quality light sources.

The X345 enhances any presentation with fantastic detail, vibrant colors, and clear, readable text. A robust arsenal of inputs and powerful zoom feature makes the X345 ideal for installation in education and small business environments while the 10000-hour lamp life provides years of use before any kind of maintenance is required.
BRIGHT XGA PROJECTION – X345

OPTICAL/TECHNICAL SPECIFICATIONS

Display Technology
Single 0.55" DC3 DMD
DLP® Technology by Texas Instruments™

Native Resolution
1024x768 XGA

Maximum Video Resolution
1600x1200 UXGA

Maximum Graphics Resolution
WUXGA 1920x1200

Brightness
3200 lumens

Contrast Ratio
22000:1

Displayable Colors
1.07 Billion

Lamp Life and Type*
10000/8000/7000/6000/5000 -
EDU/ECO+/Dynamic/ECO/Bright

Projection Method
Front, rear, ceiling mount, table top

Keystone Correction
±40° Vertical

Uniformity
80%

Offset
115%-a5%

Aspect Ratio
4:3 (native), auto, 16:9

Throw Ratio
1.48 - 1.93

Projection Distance
3.28’–32.8’ (1.0–10 m)

Image Size
30.6” – 301.1”

Projection Lens
F=2.5~ 2.78, f=16.91 ~ 24 mm manual focus

Optical Zoom
1.3x

Digital Zoom
0.8 - 2.0

Audio
2W Mono Speaker

Noise Level
29dB

Remote Control
Full Function Card Sized Remote

Operating Room Temperature
41–104°F (5–40°C), 85% max humidity

Power Supply
AC Input 100–240V, 50–60Hz, auto-switching

Power Consumption
239W Typical (Bright mode), 263W Max (Bright mode), 197W Typical (Eco mode), 217W Max (Eco mode) (TBC)

High Altitude
Operating Temp @ Sea Level to 10000 feet = 23C (max); must manually switch to high altitude mode @ 5000 feet & above (using OSD)

COMPATIBILITY SPECIFICATIONS

Computer Compatibility
UXGA, WXGA, SXGA+, SXGA, XGA, SVGA, VGA rezised, VESA, PC and Mac

Video Input Compatibility
NTSC, PAL, SECAM, SDTV (480i), EDTV (480p), HDTV (720p, 1080i/p)

3D Compatibility†
Supports all HDMI 1.4a mandatory 3D formats (Frame pack, side-by-side, top-bottom) and up converts frame rate from 60Hz to 120Hz or 24Hz to 144Hz (i.e. 60 or 72 frames per eye), 3D glasses are needed and are sold separately. Refer to user manual for details.

Vertical Scan Rate
24–85Hz, 120Hz

Horizontal Scan Rate
15.375–91.146KHz

User Controls
Complete on-screen menu adjustment in 26 languages

I/O Connection Ports
HDMI 1.4v, VGA-In, VGA-Out, Composite Video, Audio-In (3.5mm), Audio-Out (3.5mm), USB Power, RS232C

Loop Through (Audio)
Yes

PHYSICAL SPECIFICATIONS

Security
Kensington® lock port, security bar, keypad lock

Weight
5.5 lbs.

Dimensions (W x H x D)
11.73” x 3.79” x 9.05”

Copyright © 2016 Optoma Technology, Inc. DLP® and the DLP logo are registered trademarks of Texas Instruments™. All other trademarks are the property of their respective owners. All specifications subject to change at any time.

www.OptomaUSA.com