

# Cambridge X33N

Deliver engaging instruction and brilliant projected images—without breaking your budget. Image adjustment features make the X33N standard-throw projector the perfect replacement for interactive technology you already own.



## Features

- 3,300 lumens
- Multiple inputs, including 2 HDMI ports
- USB display for PC-less presentation
- Keystone correction: H/V, Auto, 4-Corner, Pincushion, Barrel

## Specifications

Display	
Brightness	3,300 lumens (2,300 eco)
Light Source	218W Phillips, low-pressure mercury vapor
Lamp Life (typical)	5,000 hrs. (standard); 10,000 hrs. (eco)
Native Aspect Ratio	4:3 (standard); 16:10 (compatible)
Native Resolution	XGA 1,024 x 768
Supported Resolution	Up to WUXGA 1,920 x 1,200
Image Size (diagonal)	30 in. ~ 300 in. / .942 m ~ 10.937 m
Keystone Correction	V: $\pm 30^\circ$ (auto and manual) H: $\pm 15^\circ$ (manual) Pincushion/Barrel Correction Corner Keystone
Contrast Ratio (typical)	15,000:1 (with IRIS and eco mode)
Color Reproduction	1.07 billion
Color Uniformity	80%
Projection Lens	f=1.6 ~ 1.76
Projection Lens	f=19.158 mm ~ 23.018 mm
Zoom Ratio	1.2x optical
Throw Ratio	1.48 ~ 1.78:1
Focus Type	Manual
Projection Technology	3 x 0.63 in. LCD (Liquid Crystal Display)

Closed Captioning	CC1, CC2, CC3, CC4
Audio/Video Connections	
Digital A/V Inputs	<ul style="list-style-type: none"> <li>- HDMI x 2 (1 x MHL) Mobile High-Definition Link</li> <li>- USB-A <ul style="list-style-type: none"> <li>1. Memory card viewer</li> <li>2. Wi-Fi dongle (optional accessory)</li> </ul> </li> <li>- USB-B</li> <li>- LAN x 1 (also control)</li> </ul>
Video Analog Inputs	<ul style="list-style-type: none"> <li>- VGA x 1 (also YCbCr/component, S-Video)</li> <li>- VGA x 1 (switched in/out)</li> <li>- Video x 1</li> </ul>
Video Analog Outputs	<ul style="list-style-type: none"> <li>- VGA x 1 (switched in/out)</li> </ul>
Audio Analog Inputs	<ul style="list-style-type: none"> <li>- RCA L/R (mono) x 1</li> <li>- 3.5mm x 1</li> </ul>
Audio Analog Outputs	<ul style="list-style-type: none"> <li>- 3.5mm x 1</li> </ul>
Speaker	10 W x 1
Control	
Control	<ul style="list-style-type: none"> <li>- RJ45 x 1 (shared with video)</li> <li>- RS-232C</li> </ul>
LAN Control Protocols	<ul style="list-style-type: none"> <li>- Crestron RoomView</li> <li>- AMX Discovery</li> <li>- PJ Link</li> </ul>
Service/Network	USB-B x 1 (shared with video)
Mechanical	
Mounting	Table/ceiling, front/rear
Security	<ul style="list-style-type: none"> <li>- Security bar</li> <li>- Password</li> <li>- Control panel lock</li> <li>- Kensington lock</li> </ul>
General	
Power Supply	100~240V @ 50/60Hz
Power Consumption	<ul style="list-style-type: none"> <li>- 270W (typical)</li> <li>- &lt;0.5W (eco standby)</li> <li>- &lt;3W (network standby)</li> </ul>

Fan Noise	34.9dB (eco) 38.9dB (normal)
Lamp Access	Top
Filter Access	Side
Environmental	
Operating Temperature	0°C ~ 40°C (35°C ~ eco)
Store Temperature	-20°C ~ 60°C
Operating Humidity	20% ~ 85%
Storage Humidity	10% ~ 85%
Dimensions and Weight	
Product Dimensions	347 mm x 257 mm x 109 mm (13.66 in. x 10.12 in. x 4.30 in.)
Net Weight	3.2 kg (7.1 lbs.)
Packaged Dimensions	445 mm x 385 mm x 190 mm (18 in. x 15.2 in. x 7.5 in.)
Gross Weight	4.5 kg (10 lbs.)
Safety	
Certifications	TUV, CE, CB, FCC

## What's in the box:

### Hardware

- Remote control with batteries

### Documentation

- Warranty card
- QuickStart Guide
- CD User manual

### Cables

- HDMI cable (2 m)
- US power cord (2 m)

### Options

- Lamps for Life
- ALLIN1-980 universal ceiling mount
- USB-Wi-Fi wireless USB adapter

Specifications are subject to change without notice.

## Drawings

