

HD806 – Home Theater Projector

Ultra Bright 1080p, Exceptional Performance Anywhere

The Optoma HD806 offers native 1080p resolution, exceptional functionality and features. The HD806 features a 1080p DLP® DMD chipset from Texas Instruments and an 8,000:1 contrast ratio with Optoma's proprietary ImageAI-II™ technology. With the latest color processing technologies, the Optoma HD806 delivers excellent color saturation and subtle details for superior image quality.

Features

- 1080p DMD DLP technology by Texas Instruments
- Native 1080p (1920 x 1080) resolution
- 2000 lumens and a 8,000:1 contrast ratio with ImageAI-II™
- Two HDMI v1.3 and DVI with HDCP
- HD806's advanced three-stage video processing system offers powerful and personalized adjustment options at each stage: decoding, image enhancement, color reproduction enhancement

Specifications

Display Technology

Single 0.95" 1080p DMD DLP Technology by Texas Instruments

Brightness

2000 ANSI Lumens

Resolution

Native 1080p (1920 x 1080)

Contrast Ratio

8,000:1 (Max)

Image Processing

Motion Adaptive 480i, 576i and 1080i De-Interlacing, Advanced 3D Comb Filter, Advanced Noise Reduction and Sharpening

Advanced Scalar Function

10-Step Gamma, User Definable Mode for Different Input and Resolution

Iris Control

17 Step Iris System

Lamp Life and Type

3000 Hours, 300W UHP

Throw Ratio (Distance/Width)

1.85-2.22:1 w/o Anamorphic Lens
1.38-1.66:1 w/Anamorphic Lens

Image Size

30" to 300" (0.8 to 7.6 m)

Projection Distance

4.92' to 32.8' (1.5 to 10 m)

Displayable Colors

1.07 Billion

Aspect Ratio

Native 16:9, Fully Automatic
2.35:1 w/Anamorphic Lens

Offset

136%

Keystone Correction

±5° Vertical

Uniformity

80%

Computer Compatibility

UXGA, SXGA+, WXGA, SXGA, XGA, SVGA, VGA, VESA, PC and Macintosh Compatible

Video Compatibility

Full NTSC, PAL, SECAM, True HDTV (720p, 1080i/p), 480i/p, 576i/p

Projection Lens

F=2.6-2.82; f=39.12-46.94mm,
1.2x Manual Zoom and Focus

I/O Connection Ports

Two HDMI v1.3, DVI w/HDCP, S-Video, Composite Video, Component Video, RS-232, +12V Trigger, IR Receiver

Security

One Kensington® Lock Port

Weight

10 lbs (4.5kg)

Dimensions (W x H x D)

16" x 4.6" x 12.2"
(406 x 117 x 310 mm)



Noise Level

32dB

Storage Temperature

-7 - 140°F (-20 - 60°C), 80% Humidity

Operating Temperature

41 - 95°F (5 - 35°C), 80% Humidity

Power Supply

AC Input 100-240V, 50-60 Hz

Power Consumption

435W Full Power, 375W ECO,
< 14W Standby Mode

Standard Accessories

AC Power Cord, Component Video Cable, RS-232 Cable, Remote Control, Batteries for Remote, Lens Cap, User's Manual, Warranty Card and Quick Start Guide

Optional Accessories

Anamorphic Lens/Sled Kit, Ceiling Mount, External IR Module, Panoview™ Series Screens and Gold Service Warranty

Warranty

1 Year Limited Parts and Labor,
90 Days on Lamp

UPC

796435 21 194 3

Accessory Part Numbers

Lamp: BL-FS300B
Remote: BR-3037B
Mount: BM-2008N