

# Optoma H30

## DDR Digital Light Processing™ Projector

- ❖ **Advanced Double Data Rate DLP™ Technology from Texas Instruments**
- ❖ **Fully HDTV compatible with 720p, 1080i**
- ❖ **800 lumens and 2000:1 contrast for superior color reproduction**
- ❖ **Pixelworks scaler and deinterlacer for optimal video processing**
- ❖ **Economy mode extends lamp life and minimizes noise**
- ❖ **Four-speed, six-segment color wheel**
- ❖ **Adjustable color matrix allows for reds, greens and blues to be independently controlled**



## Specifications

**Display Type:**

0.55-inch 12-degree DDR DLP™ technology from Texas Instruments

**Resolution:**

800 x 600 SVGA (native)  
800 x 480 in widescreen

**Brightness:**

800 Lumens (typical)

**Contrast Ratio:**

2000:1 (Full On/Full Off)

**Lamp Type and Life:**

180-watt P-VIP lamp  
2,000 (standard) to 3,000 hours (economy)

**Throw Ratio: (Distance/Width)**

1.75:1 – 2.12:1

**Aspect Ratio:**

1.78:1 at 850 x 480  
1.33:1 at 800 x 600

**Image Size (diagonal):**

29 to 260 inches

**Projection Distance:**

4.1 to 32.8 feet

**Compatibility:**

SVGA, VGA, SXGA compression  
VESA, Macintosh, Full  
NTSC/PAL/SECAM

**HDTV:**

720p, 1080i, SDTV (480i), EDTV (480p), 576i/p

**Projection Lens:**

F/ 2.4 to 2.7, f =19.7 to 23.6 mm  
Manual focus and zoom

**Refresh Rates:**

15.75 to 68.70 kHz Horizontal  
43 to 85 Hz Vertical

**Dimensions (W x H x D):**

10.7 x 3.4 x 8.3 inches  
(271 x 87 x 212 mm)

**Weight:**

4.6 pounds (2.1 kg)

**Noise Level:**

32 dB standard (30 dB economy)

**User Controls:**

Onscreen Menu Adjustments  
Supports Ten Languages

**Power Supply:**

100-240 volts, 180 watts, 50/60 Hz

**Power Consumption:**

270 watts (max), standby <5 watts

**I/O Connectors:**

VGA input (analog RGB/  
component/HDTV), S-Video,  
composite video (RCA), VGA  
output for monitor loop through

**Temperature:**

Operating Temperature  
41° – 95°F (5° – 35°C)  
Humidity 80% maximum  
Storage Temperature  
-4° – 140°F (-20° – 60°C)  
Humidity 80% maximum

**Standard Accessories:**

Extended Warranty, Gold Service,  
Ceiling Mount Kit, VGA to  
HDTV/Component Cable, S-Video  
Signal Cable, Composite Video  
Cable, USB Cable

**Optional Accessory:**

Ceiling Mount Kit

**Competitive Warranty:**

Two years, 90-days on lamps