

Optoma H31

Native Wide Screen DarkChip2™ DLP™ Projector

- ❖ Advanced DarkChip2™ DLP™ technology by Texas Instruments
- ❖ Fully HDTV compatible with 720p, 1080i and DVI with HDCP output for maximum clarity
- ❖ 850 lumens and 3000:1 contrast for superior color reproduction
- ❖ Pixelworks scaler and deinterlacer for optimal video processing
- ❖ Multiple Quick ZOOM Presets for 1.85:1, 1.66:1, 2.35:1, 4:3, 16:9
- ❖ Advanced HD Scaling enhancement
- ❖ Four-speed, six-segment color wheel
- ❖ Adjustable color matrix allows for reds, greens and blues to be independently controlled



Specifications

Display Type:

0.54-inch DarkChip2™ DLP™ technology from Texas Instruments

Resolution:

854 x 480 480p (native)

Brightness:

850 Lumens (typical)

Contrast Ratio:

3000:1 (Full On/Full Off)

Lamp Type and Life:

200-watt P-VIP lamp
2,000 (BriteMode™)
3,000 hours (STD)

Throw Ratio: (Distance/Width)

1.65:1 – 2.0:1

Multiple ZOOM Presets

Aspect Ratio:

1.85:1, 1.66:1, 2.35:1, 4:3, 16:9

Image Size (diagonal):

28 to 304 inches

Projection Distance:

3.9 to 39.4 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:

5.0 pounds (2.2 kg)

Noise Level:

30 dB (STD)

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:

DVI-I with HDCP, RCA Component (YPbPr), S-Video, composite video (RCA), RS-232, AC Power, IR receivers

Temperature:

Operating Temperature
50° – 104°F (10° – 40°C)
Humidity 80% maximum

Standard Accessories:

Composite cable, S-video cable, Remote control, battery, lens cap, User Manual, quick start guide
Warranty card and Extended Warranty

Optional Accessory:

HDMI to DVI adapter, Ceiling Mount Kit, carrying case

Competitive Warranty:

Two years, 90-days on lamps

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