

Optoma Technology HD146X Specs

Image Display

Display System	0.47" DMD DLP
Native Chip Resolution	1920 x 1080 (Full HD)
Supported Resolutions	Maximum: WUXGA - 1920 x 1200
Max Brightness	3600 Lumens
Uniformity	80%
Offset	116% ± 5%
Aspect Ratio	Native: 16:9 Supported: 16:10 Supported: 4:3
Dynamic Contrast Ratio	25,000:1
DLP Link 3D	Yes
Supported 3D Formats	Frame Packing Side by Side Top Bottom
Color Wheel	6-Segment (RYGCWB)

Color Depth	10-Bit (1.07 Billion Colors)
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Scan	Vertical: 15.375 to 91.146 kHz Horizontal: 25 to 85 Hz or 120 Hz
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Lens

Focus	Manual
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Lens	f/2.1 - 2.31 (f = 15.59 - 17.14 mm)
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Optical Zoom	Manual: 1.1x
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Throw Distance	3.2 - 35.37' / 0.975 - 10.781 m
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Throw Ratio	1.47 to 1.62:1
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Projection Size	28 - 301" / 71.12 - 764.54 cm
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Features

Keystone Correction	Vertical: $\pm 40^\circ$
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Digital Zoom	2x
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Ceiling Mountable	Yes
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Rear Screen Projection	Yes
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Built-In Speaker	Yes
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Speaker Power	3W
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Input/Output Connectors

Inputs/Outputs	1 x HDMI (HDMI Type-A) Audio, Video Input 1 x 1/8" / 3.5 mm Mini Audio Output 1 x USB 2.0 (USB Type-A) Power, Service
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Hardware

Wireless LAN / Wi-Fi	<i>None</i>
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General

Light Source	Lamp
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Lamp Power	240 W
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Expected Lamp Life	Full Brightness: 4000 Hours Medium Brightness: 10,000 Hours Low Brightness: 15,000 Hours
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Fan Noise	Low Brightness: 26 dB
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Security	Cable Lock Slot Password Protection Security Bar
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AC Input Power 100 to 240 VAC, 50 / 60 Hz

Power Consumption Full Brightness: < 325 W
Low Brightness: < 240 W

Operating Altitude 10,000' / 3048 m

Operating Temperature 41 to 104°F / 5 to 40°C

Operating Humidity 0 to 85%

Dimensions (W x H x D) 12.4 x 4.3 x 9.5" / 31.5 x 10.9 x 24.1 cm

Weight 6.2 lb / 2.81 kg

Packaging Info

Package Weight 8.3 lb

Box Dimensions (LxWxH) 15.3 x 13 x 6"
