

## OPTICAL/TECHNICAL SPECIFICATIONS

Display Technology	Texas Instruments 0.47" DMD
Color Wheel	RYGCWB
Native Resolution	1080p (1920 x 1080)
Maximum Resolution	WUXGA (1920 x 1200)
Brightness	3,600 ANSI lumens
Contrast Ratio	25,000:1
Displayable Colors	1.07 billion
Lamp Life and Type*	15,000/10,000/4,000 (Dynamic/ECO/Bright) - 240W
Projection Method	Front, rear, ceiling mount, table top
Keystone Correction	±40° vertical
Uniformity	80%
Offset	116%±5%
Aspect Ratio	16:9 (native), 4:3, 16:10 and LBX compatible
Throw Ratio	1.47 - 1.62:1
Projection Distance	3.2' - 35.37" (no zoom)
Image Size	28" - 301"
Projection Lens	F=2.1 ~ 2.31, f=15.59 ~ 17.14mm
Optical Zoom	1.1x
Digital Zoom	0.8 - 2.0
Audio	3W
Noise Level	26dB
Remote Control	Full size remote
Operating Temperature	41–104°F (5–40°C), 85% max humidity
Power Supply	AC input 100 - 240V, 50 - 60 Hz, auto-switching
Power Consumption	295W typical (Bright), 325W max (Bright), 215W typical (Eco), 240W max (Eco)
High Altitude	Operating temp @ sea level up to 10000 feet = 23F (max); must manually switch to high altitude mode @ 5000 feet & above (using OSD)

## COMPATIBILITY SPECIFICATIONS

Computer Compatibility	FHD, HD, WXGA, UXGA, SXGA, XGA, SVGA, VGA, Mac
Video Input Compatibility	PAL (B, D, G, H, I, M, N, 576i/p), NTSC (M, 4.43/3.58 MHz, 480i/p), SECAM (B, D, G, K, K1, L) HD (1080i, 720p)
3D Compatibility†	Supports all HDMI 1.4a mandatory 3D formats (Frame pack, side-by-side, top-bottom) and up converts frame rate from 60Hz to 120Hz or 24Hz to 144Hz (i.e. 60 or 72 frames per eye). 3D glasses are needed and are sold separately. Refer to user manual for details.
Vertical Scan Rate	15.375 - 91.146KHz
Horizontal Scan Rate	25 - 85Hz (120Hz for 3D)
User Controls	Complete on-screen menu adjustment in 27 languages
I/O Connection Ports	HDMI (1.4a), audio out (3.5mm), USB (1.5a / firmware update)
Loop Through (Audio)	Yes

## PHYSICAL SPECIFICATIONS

Security	Security bar, Kensington lock, password protection
Weight	6.2 lbs.
Dimensions (W x H x D)	12.4" x 4.3" x 9.5"



### Warranty

1 Year limited parts and labor warranty on the projector, 90 days lamp warranty

### What's in the Box

HD146X projector, AC power cord, remote control, batteries for remote, quick start user manual

### Accessories

Lamp (replacement): BL-FU240H  
 Remote (replacement): BR-3001B  
 Universal ceiling mount: OCM818B-RU  
 Universal ceiling mount (with extensional pole): OCM815B  
 Wireless: QuickCast Pro 4K Kit

UPC 796435 81 366 6

\*Light source life is dependent upon many factors, including brightness mode, display mode, usage, environmental conditions and more. Light source brightness can decrease over time.

†3D content can be viewed with DLP Link active shutter 3D glasses when projector is used with a compatible 3D player. Please visit Optoma.com for more information.