The Optoma HD142X is a dynamic and cost effective 1080p Home Theater Projector packed with a array of features including 3000 lumens, 1920x1080 Full HD Resolution, 1.1x Zoom, sRGB support, and 23000:1 contrast ratio. The HD142X is the perfect Home Theater Projector for watching your favorite Blu-ray movie on movie night or catching up with Games of Thrones on a Sunday Evening.

It is also a great projector for gaming platforms including Xbox One, PS4, and personal computers. The advanced optical lens, crisp 1080p graphics, and deep blacks produce detailed and vivid graphics and textures. In addition, sRGB color profile enables rich accurate color, based on the primaries of REC.709b HDTV specification when used with a PC, Mac, or any sRGB compatible source.

The HD142X features the latest and greatest digital media interface with support for MHL v1.2-enabled HDMI ports. In addition, it is compatible with MHL devices such as Optoma’s HDCast Pro, Roku Streaming Stick, and smart phones which connect directly to the projector to playback music and video, view pictures and even share web pages and other user-generated digital media content.

The 8000-hour lamp life leads to extended hours of viewing, with limited need for maintenance and a lower overall cost of use, without sacrificing outstanding picture quality.
VIBRANT HOME THEATER PROJECTION— HD142X

OPTICAL/TECHNICAL SPECIFICATIONS

Display Technology
Single 0.65” DC3 DMD
DLP® Technology by Texas Instruments™

Color Wheel
6 Segment RGBCYW

Native Resolution
1080p 1920x1080

Maximum Video Resolution
1080p 1920x1080

Maximum Graphics Resolution
WUXGA 1920x1200

Brightness
3000 lm

Contrast Ratio
23000:1

Displayable Colors
1.07 Billion Colors

Lamp Life and Type*
8000/6000/5000 (Dynamic/ECO/Bright)

Projection Method
Front, rear, ceiling mount, table top

Keystone Correction
±40°

Uniformity
80%

Offset
116%±5%

Aspect Ratio
16:9 (native), 16:10, 4:3, Auto

Throw Ratio
1 – 10m

Projection Distance
1 ~ 10m

Image Size
27.88” - 305.3”

Projection Lens
F/2.5 - 2.67; F=21.86 - 24mm

Optical Zoom
1.1x

Digital Zoom
0.8 - 2.0x

Audio
10W Speaker

Noise Level
24dB (Eco)

Remote Control
Backlit IR remote control

Operating Room Temperature
5 - 40°C

Power Supply
AC Input 100–240V, 50–60Hz, auto-switching

Power Consumption
Bright: Typical 236W Max. 260W
ECO: Typical 196W Max. 216W

High Altitude
Sea Level to 10,000 feet (@23°C); must manually
switch to high altitude mode at 5000 feet & above

COMPATIBILITY SPECIFICATIONS

Computer Compatibility
WUXGA, UXGA, WXGA, SXGA+, SXGA, XGA,
SVGA, VGA resized, VESA, PC and Mac

Video Input Compatibility
NTSC, PAL, SECAM, SDTV (480i), EDTV
(480p), HDTV (720p, 1080i/p)

3D Compatibility†
Supports all HDMI 1.4 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
24–85Hz, 120Hz

Horizontal Scan Rate
15.375–91.146kHz

User Controls
Complete on-screen menu adjustment
in 26 languages

I/O Connection Ports
2xHDMI 1.4a (MHL), 3D Vesa Sync Port, Audio
Out 3.5mm, 12V Trigger, USB-A (Power)

Loop Through (Audio)
Audio Pass Thru via HDMI to 3.5mm Audio Out

PHYSICAL SPECIFICATIONS

Security
Kensington® lock port, security bar, keypad lock

Weight
5.5 lbs.

Dimensions (W x H x D)
11.7” x 9.0” x 3.7”

PHYSICAL SPECIFICATIONS

Security
Kensington® lock port, security bar, keypad lock

Weight
5.5 lbs.

Dimensions (W x H x D)
11.7” x 9.0” x 3.7”

In the Box (Standard Accessories)
HD142X projector, lens cap, AC power cord, remote control, batteries for remote,
multilingual CD-ROM, user manual, quick start card, and warranty card

Optional Accessories
Mount, Carrying Case, RF 3D Emitter, RF 3D Glasses, DLP Link Glasses, Wireless
HDMI, Wireless Streaming Stick

Accessory Part Numbers
Lamp: BL-FU195C  Remote: SP.8ZE01GC01
Mount: BM-5001U    Carrying case: SP.8VH03GC01
RF 3D emitter: BC300      RF 3D glasses: ZF2300GLASSES
DLP® Link™ 3D glasses: ZD302     Wireless HDMI system: WHD200
Wireless Streaming Stick: HDCastPro-Black

UPC
796435 81 250 8

* Lamp life is dependent on many factors, including lamp mode, display mode, usage, environmental conditions and more. Lamp brightness can decrease over time.

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

www.OptomaUSA.com

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