

WUXGA PROFESSIONAL INSTALLATION LASER PROJECTOR

ZU1050

Optoma

Spectacular image quality and brightness with low maintenance laser technology



PRO | SCENE



Sharp and luminous image with 10,000 lumens



DuraCore: maintenance-free laser light source at full brightness up to 20,000 hours



MultiColor Laser technology provides a wider color gamut with high brightness



Integrated edge-blending and image warping with portrait and 360° operation mode



Robust connectivity options, including HDMI, HDBaseT, 3G-SDI and wireless mirroring and streaming via USB dongle



Six interchangeable optical lens options



Full 3D

16:10
ENHANCED

RoomView
CONTRAST



HDMI
HIGH DEFINITION MULTIMEDIA INTERFACE

IP LINK

Link

HDBT

3G SDI

DuraCore
LASER



The Optoma ZU1050 is a professional installation WUXGA projector designed for large meeting rooms, boardrooms, auditoriums, museums, houses of worship and broadcast environment installations that demand vibrant colors, consistent brightness and stunning quality images. The latest laser phosphor technology delivers a powerful 10,000 lumens of brightness and up to 20,000 hours of operation without lamp or filter replacements.

Every aspect of the Optoma ZU1050 was carefully designed and built to suit the requirements of even the most complex professional installation for the ultimate in professional image projection. It's part of the DuraCore family, which features a dust-sealed and filter-free design with IP6X certification that prevents dust and dirt from affecting the optical system for optimal image quality with minimal maintenance.

Motorized lens shift, zoom and focus combined with 360° and portrait operation mode provide flexibility for simple, trouble-free installations. A variety of premium quality lenses ranging from 0.36:1 to 5.5:1 throw ratio ensures the Optoma ZU1050 can be used with a variety of projection distances. Robust input options include HDMI, DVI-D, VGA and component, HDBaseT and 3G-SDI for connectivity to a wide range of advanced devices.

CONNECTIVITY (May require optional accessories)



Computers



Smart
Phones



Tablets



3D Blu-ray/DVD Players



Broadcasting
Camera



Apple TV®



Chromecast™

WUXGA PROFESSIONAL INSTALLATION LASER PROJECTOR — ZU1050

OPTICAL/TECHNICAL SPECIFICATIONS

Display Technology	Single DMD, 0.67" WUXGA DMD, Type A, DC3 DLP® Technology by Texas Instruments™
Native Resolution	WUXGA (1920x1200)
Maximum Resolution	WUXGA (1920x1200)
Brightness	10,000 ANSI lumens, 10,000 center lumens
Contrast Ratio	2,000,000:1 (Extreme black enabled) 2000:1 (full on/full off) (Dynamic Black)
Lamp Life and Type*	Up to 20,000 hrs
Lens Options:	BX-CTA16-0.36 BX-CTA15-0.75-0.95 BX-CTAA01-0.95-1.22 BX-CTAA06-1.22-1.53 BX-CTAA03-1.52-2.92 BX-CTA13-2.90-5.50 BX-CTADOME-0.36
Projection Method	Front, rear, ceiling mount, table top, 360° and portrait mode operation capable
Geometric Correction	±20° vertical and horizontal keystone, 4 corner, pincushion/barrel
Lens Shift	±50% vertical ±15% horizontal
Uniformity	90%
Aspect Ratio	16:10 (native), 16:9 and 4:3 compatible
Throw Ratio	0.36 - 5.50 (dependent on installed lens)
Projection Distance	2'6" - 116'4" (0.81 - 35.5m)
Image Size	50" - 300"
Projection Lens	(No standard lens supplied) 6 lenses to choose from
Optical Zoom	1.25x -1.9x
Digital Zoom	0.8 - 2.0
Audio	NA
Noise Level	35dB/37dB (typical/max)
Remote Control	Full function remote with laser pointer
Operating Temperature	41–104°F (5–40°C), 85% max humidity
Power Supply	AC input 100 – 240V, 50–60 Hz
Power Consumption	945W+/-15% Max (Bright), 480W+/-15% Max (ECO) @ 110V AC
High Altitude	Must manually switch to high altitude mode @ 5000 feet & above (using OSD)

COMPATIBILITY SPECIFICATIONS

Computer Compatibility	WUXGA, UXGA, WXGA, SXGA+, SXGA, XGA, SVGA, VGA resized, VESA, PC and Mac compatible
Video Input Compatibility	NTSC, PAL, SECAM, SDTV (480i), EDTV (480p), HDTV (720p, 1080i/p)
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). Required 3D glasses 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 12 languages
I/O Connection Ports	1 x HDMI-in (version 1.4), 1 x DVI-D, 1 x VGA-in (D-Sub 15pin) (computer in or component), 1 x HDBaseT, 1 x 3G-SDI, 1 x 3D SYNC In, 1x VGA-out (supports VGA passthrough to monitor) (monitor out), 1 x 3D SYNC out, 1 x HDMI-out (version 1.4), 1 x RS232 (D-sub 9 pin) (PC Control), 1 x wired in (3.5mm phone jack) (remote in), 1 x USB Type A (for Wi-Fi adapter), 1 x mini USB (for LAN FW upgrade only) (service), 1 x RJ45 (LAN)

PHYSICAL SPECIFICATIONS

Security	Kensington® Lock port, security bar and keypad lock
Weight	50.7 lbs (w/out lens)
Dimensions (W x H x D)	19" x 7.7" x 20.7" (482 x 195 x 525 - with elevators) W H D



Warranty

3-year or 20,000 hour light source warranty (whichever comes first), 3-year Optoma Express advance exchange warranty on the projector.

What's in the Box

ZU1050 projector, AC power cord, VGA cable, remote control, carrying case, batteries for remote, multilingual CD-ROM user's manual, quick start card, and warranty card

Optional Accessories

Universal ceiling mount, DLP@Link™ 3D glasses, Wi-Fi dongle, Wireless HDMI system, remote

Accessory Part Numbers

Ceiling mount: BM-9011N
Remote: BR-3074W
DLP@Link™ 3D glasses: ZD302
RF 3D emitter: B300
Wireless HDMI system: HDCast PRO - BLACK

UPC 796435 44 147 0

*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 www.OptomaUSA.com for more information.