The Optoma ZU1050 is a professional installation 10,000 lumen WUXGA projector designed for large meeting rooms, auditoriums, museums, houses of worship and broadcast environments demanding vibrant colors, consistent brightness and stunning quality. Laser phosphor technology delivers powerful brightness with up to 30,000 hours of operation.

It's engineered to suit complex installation requirements for professional image projection. The dust-sealed and filter-free design with IP6X certification keeps the optical system performing optimally with minimal maintenance. A variety of premium lens options, motorized lens-shift, zoom and focus with 360° and portrait operation ensure installation flexibility for virtually all needs.

CONNECTIVITY (May require optional accessories)
**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 30,000 hrs

**Lens Options:**
- BX-CTA16: 0.36:1
- BX-CTA15: 0.75-0.95:1
- BX-CAA01: 0.95-1.22:1
- BX-CAA06: 1.22-1.52:1
- BX-CAA03: 1.52-2.92:1
- BX-CTA13: 2.90-5.50:1
- BX-CTADOME: Dome projection

**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**
Interchangeable lenses (lens not included)

**Optical Zoom**
1.25x - 1.9x (dependent on installed lens)

**Digital Zoom**
0.8 - 2.0

**Audio**
NA

**Noise Level**
35dB/37dB (typical/max)

**Remote Control**
Full function wired remote

**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)

**High Altitude**
Must manually switch to high altitude mode @ 5000 feet

**Dimensions (W x H x D)**
19” x 7.7” x 20.7” (482 x 195 x 525 - with elevators)

**Weight**
50.7 lbs (w/out lens)

**Lamp Life and Type**
- Full off) (Dynamic Black)
- Contrasting Ratio: 2,000,000:1 (Extreme black enabled) 2000:1 (full on/full off) (Dynamic Black)
- 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 30,000 hrs
- Lens Options: BX-CTA16: 0.36:1, BX-CTA15: 0.75-0.95:1, BX-CAA01: 0.95-1.22:1, BX-CAA06: 1.22-1.52:1, BX-CAA03: 1.52-2.92:1, BX-CTA13: 2.90-5.50:1, BX-CTADOME: Dome projection
- 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: Interchangeable lenses (lens not included)
- Optical Zoom: 1.25x - 1.9x (dependent on installed lens)
- Digital Zoom: 0.8 - 2.0
- Audio: NA
- Noise Level: 35dB/37dB (typical/max)
- Remote Control: Full function wired remote
- 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)
- High Altitude: Must manually switch to high altitude mode @ 5000 feet

**COMPATIBILITY SPECIFICATIONS**

**Computer Compatibility**
- WUXGA, UXGA, WUXGA, SXGA+, SXGA, XGA, SXGA, VGA resized, VESA, PC and Mac compatible

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

**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 (version1.4), 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), 1x 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 (service), 1 x RJ45 (LAN)
- 1. Power On/Off
- 2. Menu Navigation Pad
- 3. 3G-SDI
- 4. DVI-D
- 5. VGA-In (YPbPr)
- 6. VGA-out
- 7. HDMI Out
- 8. HDMI In
- 9. 3D SYNC Out
- 10. HDBaseT
- 11. RJ-45
- 12. RS-232C
- 13. Wired Remote
- 14. 3D SYNC In
- 15. USB Power
- 16. Service
- 17. AC Power
- 18. Power Switch

**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)

**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, batteries for remote, multilingual CD-ROM user’s manual, quick start card, and warranty card

**Optional Accessories**
Universal ceiling mount, DLP®Link™ 3D glasses, wireless adapter, remote, HDBaseT transmitter

**Accessory Part Numbers**
- Universal ceiling mount: BM-9011N
- DLP®Link™ 3D glasses: ZD302
- Wireless: WUSB-PRO
- Remote: BR-3074W
- HDBaseT transmitter: 4K100TX

**Accessory Part Numbers**
- What’s in the Box
- Optional Accessories
- Accessory Part Numbers

**www.OptomaUSA.com**

*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.

Copyright © 2018 Optoma Technology, Inc. DLP® and the DLP logo are registered trademarks of Texas Instruments™. All other trademarks are the property of their respective owners. All specifications subject to change at any time. 08072019