BRIGHT MULTIMEDIA PROJECTOR
WU416

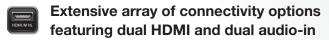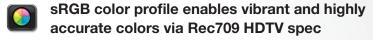**Optoma**

HIGH RESOLUTION WUXGA PRESENTATIONS

HD **4200 lumens and 20000:1 contrast ratio produces a sharp luminous image**

Advanced Optical Lens features a 1.6x ZOOM and Vertical Lens Shift

HDMI /M HL **Extensive array of connectivity options featuring dual HDMI and dual audio-in**

sRGB color profile enables vibrant and highly accurate colors via Rec709 HDTV spec

Compensate for loss of brightness with Wall Color Adjustment

Hide jaggies and soft edges with Edge Mask

PICTURE BY **DLP** TEXAS INSTRUMENTS | FEATURES **BrilliantColor** With Multi-Color Processing For Rich, Vibrant Colors DLP | **HDMI**™ HIGH DEFINITION MULTIMEDIA INTERFACE | WIDESCREEN **16:10** ENHANCED | **Full 3D** 1080p | **MHL** | **RoHS** COMPLIANT
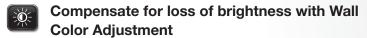
The Optoma WU416 is the ideal WUXGA projector for corporate, house of worship and higher education applications. The WU416 is loaded with a host of features including 4200 lumens, advanced optical lens, 1920 x 1200 resolution, a massive 1.6x Zoom, sRGB support, and 20000:1 contrast ratio. Whether you are delivering quarter earnings, a sales presentation or daily science lesson, the WU416 impresses with an incredibly bright image, vivid colors, and deep blacks.

sRGB color profile enables rich accurate color, based on the primaries of Rec.709 HDTV specification when used with a PC, Mac, or any sRGB compatible source. Wall Color Adjustment is designed to compensate for the loss of brightness when projecting on non-white projection surfaces in various environments. This feature is extremely useful in classrooms, conference rooms, training rooms or anywhere the presenter may be using a colored wall, blackboard, chalkboard, or whiteboard for the projection surface.

The WU416 features a new cutting edge optical lens, 1.6x Zoom, and Vertical Lens Shift to ease installations. Edge Mask eliminates soft edges and jaggies on border of the projection image to produce a smooth, consistent image. The included carrying bag makes the WU416 perfect for meetings in the field, presentations in the conference room or trainings in the classroom.

CONNECTIVITY (May require optional accessories)

Computers | Smart Phones | Tablets | 3D Blu-ray/DVD Players | Camcorders | Apple TV® | Chromecast™

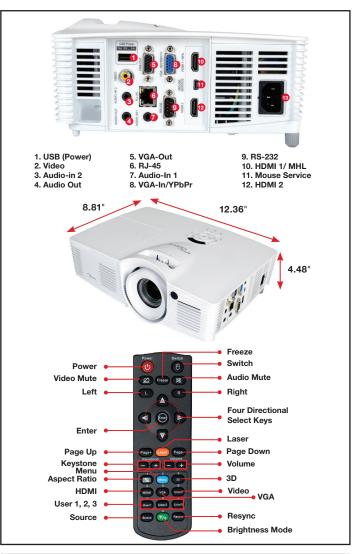# BRIGHT MULTIMEDIA PROJECTOR - WU416

OPTICAL/TECHNICAL SPECIFICATIONS

Display Technology	Single 0.65" DC3 DMD DLP®Technology by Texas Instruments™
Native Resolution	1920x1200 WUXGA
Maximum Resolution	1920x1200 WUXGA
Brightness	4200 Lumens
Contrast Ratio	20000:1
Displayable Colors	1.07 Billion
Lamp Life and Type[*]	6500/5000/5000/3000 - ECO+/Dynamic/ECO/Bright
Projection Method	Front, rear, ceiling mount, table top
Keystone Correction	±40° Vertical
Vertical Lens Shift	15.4%
Uniformity	80%
Offset	115%±5%
Aspect Ratio	16:10 (native), auto, 16:9, 4:3, LBX
Throw Ratio	1.4 - 2.24
Projection Distance	4.26' - 30.8' (1.3 - 9.4 m)
Image Size	26.94" - 305.1"
Projection Lens	F=2.5~ 3.26, f=20.91 ~ 32.62 mm manual focus
Optical Zoon	1.6x
Digital Zoom	0.8 - 2.0
Audio	10W Mono Speaker
Noise Level	29dB (TBC)
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, 50–60Hz, auto-switching
Power Consumption	321W Typical (Bright mode), 353W Max (Bright mode), 257W Typical (Eco mode), 283W Max (Eco mode)
High Altitude	Operating Temp @ Sea Level to 10000 feet = 23C (max); 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
Video 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). 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	2x HDMI 1.4v with MHL, VGA-In, VGA-Out, Composite Video, 2xAudio-In (3.5mm), Audio-Out (3.5mm), RJ-45, USB Power, USB-B Mini (service), RS232C
Loop Through (Audio)	Yes

PHYSICAL SPECIFICATIONS

Security	Kensington® lock, security bar and keypad lock
Weight	6.75 lbs.
Dimensions (W x H x D)	12.36" x 4.48" x 8.81"

1. USB (Power)
2. Video
3. Audio-in 2
4. Audio Out
5. VGA-Out
6. RJ-45
7. Audio-In 1
8. VGA-In/YPbPr
9. RS-232
10. HDMI 1/ MHL
11. Mouse Service
12. HDMI 2

8.81" 12.36" 4.48"

Freeze
Power
Video Mute
Left
Enter
Page Up
Keystone
Menu
Aspect Ratio
HDMI
User 1, 2, 3
Source
Switch
Audio Mute
Right
Four Directional Select Keys
Laser
Page Down
Volume
3D
Video
VGA
Resync
Brightness Mode

*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 either RF or DLP Link active shutter glasses when projector is used with a compatible 3D player. RF 3D glasses require the use of the RF 3D emitter. Please visit www.OptomaUSA.com for more information

www.OptomaUSA.com

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