



MULTIMEDIA PROJECTOR W415



CRYSTAL CLEAR DIGITAL CONNECTIVITY



-  WXGA resolution with DisplayPort and HDMI 1.4a connectivity
-  4500 lumens bright image with 15,000:1 contrast ratio makes it ideal for large screen applications
-  Lens shift for installation flexibility
-  Full 3D compatibility for audience captivating immersive presentations
-  1.5x zoom ratio for greater installation placement flexibility



The Optoma W415 is the perfect projector solution for medium to large size conference rooms, training rooms, higher education and houses of worship.

With a powerful 4500 lumens and a stunning 15,000:1 contrast ratio the W415 delivers bright large-screen presentations with fantastic image clarity, outstanding color accuracy and incredibly sharp image detail.

Designed for today's digital world, the W415 provides HDMI v1.4a, DisplayPort connectivity, vertical lens shift for installation flexibility and RJ45 for LAN command and control. Up to 7000 hours of lamp life and filter-free design minimize the cost of operation. Its compelling feature set include: Full 3D display compatibility, DICOM Simulation and sRGB display modes. Closed captioning, logo capture, Crestron RoomView® for remote monitoring and control, powerful 10-Watt speaker and more.

CONNECTIVITY (May require optional accessories)



MULTIMEDIA PROJECTOR — W415

OPTICAL/TECHNICAL SPECIFICATIONS

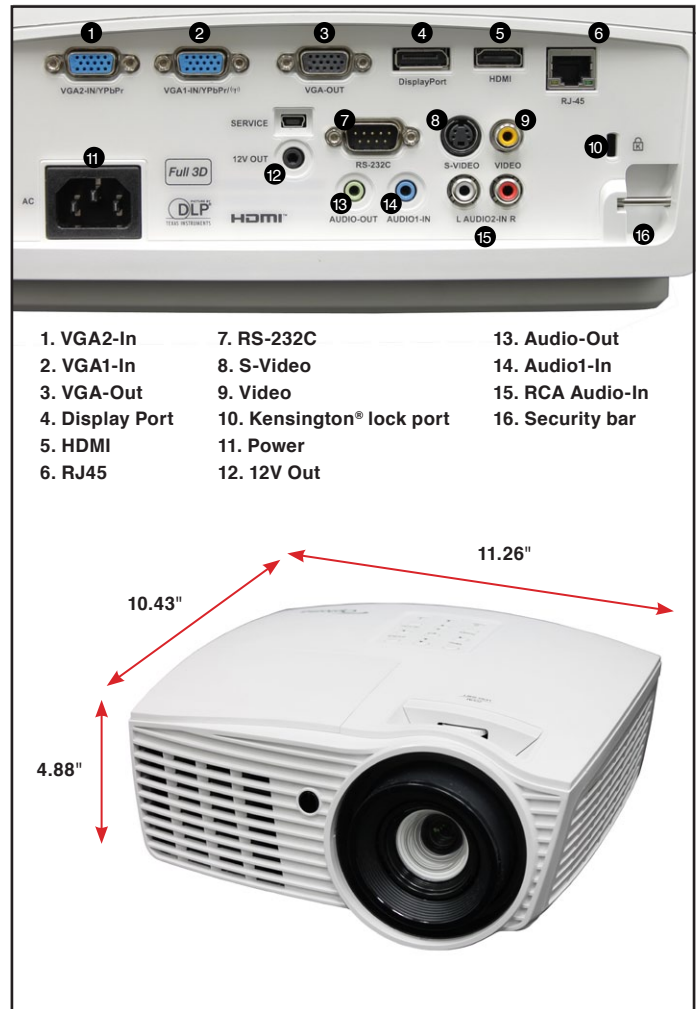
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|------------------------------|---|
| Display Technology | Single 0.65" DC3 DMD DLP® Technology by Texas Instruments™ |
| Native Resolution | WXGA (1280 x 800) |
| Maximum Resolution | HD 1080p (1920 x 1080) |
| Brightness (Typical) | 4500 lumens |
| Contrast Ratio | 15,000:1 (full on/full off) |
| Displayable Colors | 1.07 Billion |
| Lamp Life* and Type | 7000/4000/3000 Hours (ECO+/ECO/normal) |
| Projection Method | Front, rear, ceiling mount, table top |
| Keystone Correction | ±40° Vertical |
| Uniformity | >80% |
| Aspect Ratio | 16:10 native, 16:9 and 4:3 compatible |
| Throw Ratio | 1.46 ~ 2.2 (distance/width) |
| Projection Distance | 3.9'–32.8' (1.2–10 m) |
| Image Size (Diagonal) | 25.3"–318" (0.65–8.0 m) |
| Projection Lens | F=2.42–2.97, f=20.7–31.05 mm 1.5x manual zoom and focus |
| Lens Shift Offset | Vertical: 107% ~ 119% |
| Digital Zoom | 0.8 ~ 2.0 |
| Typical Offset | 112% |
| Audio | 10-Watt speaker |
| Noise Level | 35dB min. |
| Remote Control | IR remote mouse with laser |
| Operating Conditions | 41–113°F (5–45°C), 85% max humidity |
| Power Supply | AC Input 100–240V, 50–60Hz, auto-switching |
| Power Consumption | Max 290W (Normal), Min 230W (Eco+), <0.5W (standby-ECO) |

COMPATIBILITY SPECIFICATIONS

| | |
|-------------------------------------|---|
| Computer Compatibility | HD, UXGA, SXGA+, WXGA+, WXGA, SXGA, XGA, SVGA, VGA |
| 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 adjustments in 27 languages |
| I/O Connection Ports | HDMI v1.4a, DisplayPort, two VGA-in, VGA-out, composite video, S-Video, audio-in, RCA audio-in, audio-out, 12V trigger, RS-232C, RJ45 & USB-B |

PHYSICAL SPECIFICATIONS

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|-------------------------------|---|
| Security | Kensington® lock port, security bar and keypad lock |
| Weight | 5.95 lb (2.7 kg) |
| Dimensions (W x H x D) | 11.26" x 4.88" x 10.43" (286 x 124 x 265 mm) |



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|-----------------|---------------------------|------------------|
| 1. VGA2-In | 7. RS-232C | 13. Audio-Out |
| 2. VGA1-In | 8. S-Video | 14. Audio1-In |
| 3. VGA-Out | 9. Video | 15. RCA Audio-In |
| 4. Display Port | 10. Kensington® lock port | 16. Security bar |
| 5. HDMI | 11. Power | |
| 6. RJ45 | 12. 12V Out | |

Warranty

3-Year Optoma Express Service, 1-Year on Lamp

What's In the Box

W415 projector, AC power cord, VGA to VGA cable, remote control, batteries for remote, carrying case, lens cap, CD-ROM user's manual, quick start card and warranty card

Optional Accessories

Wireless VGA dongle, universal ceiling mount, Optoma screens, DLP®Link™ 3D glasses, wireless HDMI system and Cat6 HDBaseT

Accessory Part Numbers

| | |
|--|-------------------------------------|
| Lamp: 5811118924-SOT | Wireless VGA dongle: BI-EXTBG03 |
| Remote: BR-3070L | DLP® Link™ 3D glasses: BG-ZD301 |
| Wireless HDMI system: WHD200 | Single-Cat6 HDBaseT kit: EVBMN-M110 |
| Universal ceiling mount: BM-5001U | Universal ceiling mount: OCM818W-RU |
| Universal ceiling mount (with extensional pole): OCM815W | |

UPC 796435 41 900 4

www.OptomaUSA.com

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*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 an RF 3D emitter and a projector with a 3D VESA Sync port. Please visit www.OptomaUSA.com for more information.

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