

W490

Widescreen Data and Business Projector



-  **Widescreen Installation Data and Business projector**
-  **Bright Projection - 5000 ANSI lumens**
-  **Vertical and Horizontal Keystone**
-  **Vertical Lens Shift**
-  **Full control over LAN and RS-232**
-  **Four corner correction - For a quick installation onto uneven walls and for image stacking**



The Optoma W490 is a Wide screen WXGA Installation projector, offering bright, crystal clear images, and a variety of advanced features to facilitate a quick installation. W490 DLP® technology provides accurate colors and great contrast for dark images.

Features include: Four corner correction, Horizontal and Vertical Keystone together with x1.6 zoom range permit an easy setup and usability from any angle.

Equipped with a variety of inputs, including HDMI built in MHL technology, allows you to connect to a wide variety of HD devices to easily display your content. In addition, the environmentally friendly W490 has energy saving features including Eco+ lamp power management, <0.5W standby mode and auto power off, saving you both time and money by prolonging your lamp life.



CONNECTIVITY (May require optional accessories)



Computers



Smart Phones



Tablets



3D Blu-ray/DVD Players



Camcorders



Digital Cameras



Apple TV®

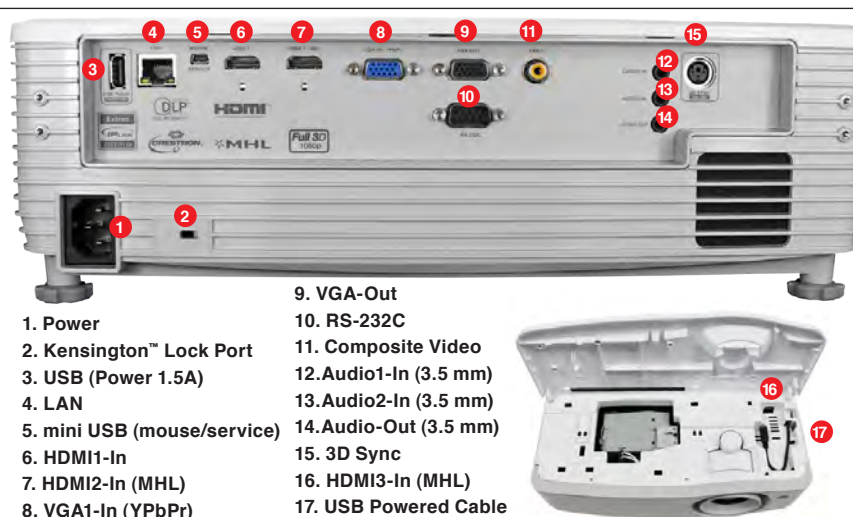


Chromecast™

Technology/Features



WXGA (1280 x 800) Installation DLP projector — W490



1. Power
2. Kensington™ Lock Port
3. USB (Power 1.5A)
4. LAN
5. mini USB (mouse/service)
6. HDMI1-In
7. HDMI2-In (MHL)
8. VGA1-In (YPbPr)
9. VGA-Out
10. RS-232C
11. Composite Video
12. Audio1-In (3.5 mm)
13. Audio2-In (3.5 mm)
14. Audio-Out (3.5 mm)
15. 3D Sync
16. HDMI3-In (MHL)
17. USB Powered Cable



Touchboards

205 Westwood Ave, Long Branch, NJ 07740
 Phone: 866-94 BOARDS (26273) / (732)-222-1511
 Fax: (732)-222-7088 | E-mail: sales@touchboards.com



OPTICAL/TECHNICAL SPECIFICATIONS

Display Technology	Single 0.65" WXGA chip, DLP® Technology from Texas Instruments™
Native Resolution	WXGA (1280 x 800)
Maximum Resolution	1080p (1920 x 1080)
Brightness	5000 ANSI Lumens
Contrast Ratio	10,000:1 (full on/full off)
Displayable Colors	1.07 Billion
Lamp Life	3000/3500 Hrs (Bright/Eco Mode)
Lamp Type¹	310-Watt
Projection Method	Front, rear, ceiling mount, table top
Keystone Correction	±30° Vertical; ±30° Horizontal
Uniformity	70%
Offset	96% –112%
Lens Shift	Vertical: +16% (constraints apply see user manual for details)
Geometry	Four corner adjustment for each individual point
Aspect Ratio	16:10 (Native), 4:3, 16:9, Auto
Throw Ratio²	1.48:1~2.35:1
Projection Distance	51.18"~377" (1.3–9.6 m)
Image Size	25.6"~301.1" (0.65~7.64 m), Diagonal 16:10
Projection Lens	F=2.5~3.26, f=20.91~32.63 mm; manual focus
Optical Zoom	1.6x Manual zoom
Digital Zoom	0.8–2.0
Speaker	Two 16-Watt Speaker
Noise Level	29dB
Remote Control	IR remote
Operating Temperature	41–113°F (5–45°C), 85% max humidity
Power Supply	AC input 100–240V, 50–60 Hz, auto-switching
Power Consumption	421W Max (Bright), 329W Max (ECO), <0.5W (Standby)
High Altitude	Operating Temperature at sea level 10,000 feet = 73.4°F (23°C) max; must manually switch to high altitude mode at 5,000 feet

PHYSICAL SPECIFICATIONS

Security	Kensington® lock port, security bar, and keypad lock
Weight	10.2 lb (4.6 kg)
Dimensions (W x H x D)	14.5" x 5.2" x 12" (369 x 132 x 295 mm)

COMPATIBILITY SPECIFICATIONS

Computer Compatibility	UXGA, SXGA, XGA, SVGA, VGA, WXGA, 1080p, Mac
Video Input Compatibility	PAL (B, D, G, H, I, M, N, 4.43MHz), NTSC (M, J, 3.58MHz, 4.43MHz), SECAM (B, D, G, K, K1, L, 4.25MHz, 4.4MHz, 480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz) 1080p(24/50/60Hz)
3D Compatibility³	Side-by-Side:1080i(50/60Hz) Frame-pack: 1080p(24Hz), 720p(50/60Hz) Over-Under: 1080p(24Hz), 1080i(50/60Hz), 720p(50/60Hz) 3D glasses are needed and are sold separately. Refer to user manual for details.
Vertical Scan Rate	24–85 Hz (120 Hz for 3D feature projector)
Horizontal Scan Rate	15.375–91.146 KHz
User Controls	Complete on-screen menu, adjustments in 26 languages
I/O Connection Ports	3x HDMI 1.4a (2 with MHL, 2 rear and 1 on top), 1x VGA-In, 1x VGA-Out, 1x Composite Video (RCA-Y), 2x Audio-In (3.5mm jack), 1x Audio-Out (3.5mm jack), 1x RS-232C (9pin d-sub), 1x mini-USB (service/control), 1x USB-A (5V/1.5A out), RJ45 (LAN), 1x 3D vesa port, AC power (3 pin)
Wireless Compatibility	WHD200 (Source lock on), Chromecast™, FireTV™ Stick, HDCast PRO - BLACK

Warranty

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

In the Box (Standard Accessories)

W490 projector, AC power cord, VGA cable, remote control, batteries, multilingual CD-ROM user's manual, basic user manual and warranty card

Optional Accessories

Universal ceiling mount, Optoma screen, DLP® Link™ 3D glasses, wireless HDMI system

Accessory Part Numbers

Lamp: SP.70B01GC01	Remote: SP.70B01GC01
RF 3D Glasses: ZF2300Glasses	RF 3D Emitter: BC300
DLP® Link™ 3D glasses: ZD302	
Wireless HDMI system: WHD200, HDCast PRO - BLACK	
Universal ceiling mount: OCM815B, OCM815W, OCM818B-RU, OCM818W-RU	

UPC 796435 41 980 6

¹Lamp life is dependent upon many factors, including lamp mode, display mode, usage, environmental conditions and more. Lamp brightness can decrease over time

²3D content can be viewed with RF of DLP® Link active shutter 3D 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.

³±5% variance

www.OptomaUSA.com

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