The ZU510T-W is a ProAV projector offering bright and vivid image quality, advanced optical components, and a low-weight, compact size. Combined with DURACORE laser light source and IP5X-certified dust resistance rating for its optical engine, it is reliable, cost-efficient and low maintenance, with no need for lamp and filter changes. It provides up to 20,000 hours of light source operation and is perfect for boardroom, higher education, houses of worship, and small entertainment venue use.

The ZU510T-W’s 5500 lumens create vibrant, detailed images, filling a significant need in the mid-range ProAV category. Developed for maximum flexibility, this solid state laser projector includes a fixed lens with Horizontal and Vertical lens shift, offering a unique 1.2-2.13 throw ratio and a digital zoom ratio of 1.8x, enabling it to cover a range of interchangeable lens capabilities and eliminating the need to change lenses or buy additional ones.

The ZU510T-W streamlines integration with two built-in 10W speakers and a variety of inputs, including three HDMI ports, 2x built in MHL. This fixed install projector is a reliable, flexible and cost-efficient option for boardrooms, university auditoriums, museums and other mid-sized venues.
PROFESSIONAL INSTALLATION LASER PROJECTOR

OPTICAL/TECHNICAL SPECIFICATIONS

Display Technology  Single DMD, 0.67" WUXGA DMD, DC3
DLP® Technology by Texas Instruments™

Color Wheel  4 Segment RYGB, (860 Filter Diameter 67mm)

Native Resolution  WUXGA (1920x1200)

Maximum Resolution  WUXGA (1920x1200)

Brightness  5,500 center, 5,300 ANSI Lumens

Contrast Ratio  300,000:1 (ExtremeBlack enabled)

Displayable Colors  Graphic 10 bits, 1073.4 Million colors

Light source life up to  Up to 20,000 hours

360 Degree & Portrait Mode  Yes

Projection Method  Front, rear, ceiling mount, table top

Keystone Correction  ±30° Vertical and Horizontal

Geometry  4 corner adjustment

Uniformity  85%

Aspect Ratio  16:10 (native), 16:9, 4:3, Auto

Throw Ratio  1.2 – 2.13

Projection Distance  1.3m / 4.3ft - 7.8m / 25.5ft

Image Size  27.9" – 301.8"

Lens Shift  Horizontal 10%, Vertical +20%

Projection Lens  1.8x zoom

Audio  10W Stereo

Noise (Normal/Eco dB)  35dB Typical (480W) 29dB Eco (320W)

Remote Control  IR and wired remote

Operating Room Temperature  Operating: 41 – 104 °F

Power Supply  AC input 90 – 264V, 50–60 Hz, with PFC input

Power Consumption  480W +/- 15% Max (Bright), 320W +/-15% Max (ECO)

High Altitude  Operating temperature 0 ft – 10000 ft at 5 – 40°C (41 – 104 °F)

Light source type*  Laser Phosphor

COMPATIBILITY SPECIFICATIONS

Computer Compatibility  UXGA, SXGA, XGA, SVGA, VGA, WXGA, WUXGA

Video Compatibility  SDTV / HDTV

3D Compatibility†  Full 3D 1920 x 1080p @24Hz

Vertical Scan Rate  24–85Hz

Horizontal Scan Rate  35.75s–91.146kHz

User Controls  LAN, RS232, IR individually

I/O Connection Ports

Input:  2 x HDMI (HDMI 2 Support MHL)
  1 x VGA (D-Sub 15pin) (Computer In)
  1 x Microphone in 3.5mm
  1 x Audio in 3.5mm

Output:  1 x VGA Out (Support VGA loops through to monitor) (Monitor Out)
  1 x Audio out 3.5mm

Control:  1 x RS232 (D-sub 9 pin) (PC Control)
  1 x Wired in (3.5mm phone jack) (Remote In)
  1 x 12V Trigger (3.5mm phone jack)
  1 x USB type A (for WiFi dongle purpose)
  1 x Mini USB (for LAN FW upgrade only)
  1 x IR Receiver (On the Front side and Top side) 1 x RJ45 (LAN)

Loop Through (Audio)  Yes

PHYSICAL SPECIFICATIONS

Security  Kensington® lock port

Weight  24.2 lb

Dimensions (W x H x D) (Without feet)  15.75" x 5" x 16"

3D Compatibility†: Watching 3D projection while wearing 3D glasses for an extended period of time may cause a headache or fatigue. If you experience a headache, fatigue or dizziness, stop viewing the 3D projection and rest.

Light source type*: Laser Phosphor

Warranty

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

In the Box (Standard Accessories)

ZU510T-W projector, AC power cord, VGA cable, remote control, batteries, multilingual CD-ROM user’s manual, basic user manual, warranty card, USB to Micro USB cable

Optional Accessories

Universal ceiling mount, Optoma screen, wireless HDMI system, HDBcast PRO - BLACK.

Accessory Part Numbers


UPC  796435 44 030 5

* Buttons without description are not applicable to this model.

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