Project incredible 7,500 lumens, WUXGA images with the next-generation Optoma ProScene ZU720T, the world’s first high brightness laser fixed lens projector. Integrated warping and blending, 24/7, 360° and portrait mode operation combined with a compact, lightweight chassis makes it ideal for auditoriums, large conference rooms, lecture halls and blended multi-projector installations.

The next-generation projector features DuraCore Laser technology, an IP5X-certified optical engine and advanced thermal design for quiet operation with up to 30,000 hours (Eco) of virtually maintenance-free operation. An embedded Android OS ensures quick and easy over-the-air software updates with advanced software functions.

Advanced Thermal Design
A combination of long and short copper heat pipes maximizes heat transfer while an optimized airflow path aids heat dissipation, resulting in lower fan speeds for cool and quiet operation in a compact chassis.

Android OS with Media Player
The embedded Android OS with built-in media player transforms the ProScene ZU720T into a next-generation all-in-one powerhouse. Integrated media playback enables the projector to function without a video source connected.

World’s First High Brightness Laser Fixed Lens Projector
Bright 7,500 lumens and WUXGA native resolution
Compact, lightweight chassis & quiet operation
Embedded Android OS with OTA updates & built-in media player
DuraCore maintenance-free laser light source up to 30,000 hours (Eco)
Integrated edge-blending, image warping with 24/7, 360° and portrait mode operation
Full motorized lens-shift & 1.8x zoom
4K UHD (HDMI 2.0) input with HDR compatibility
Integrated HDBaseT, robust digital and analog connectivity
**OPTICAL/TECHNICAL SPECIFICATIONS**

- **Display Technology**: Texas Instruments™ 0.67” WUXGA DMD
- **Color Wheel**: 4 segment RGBY
- **Native Resolution**: WUXGA (1920 x 1200)
- **Maximum Input Resolution**: HDMI 2.0: 4K UHD (3840 x 2160)
  
  HDMI 1.4: WUXGA (1920 x 1200)
- **Brightness**: 7500 ANSI lumens
- **Contrast Ratio**: 1,000,000:1 (Extreme Black enabled) / 2,000:1 (full on/off)
- **Displayable Colors**: 1.07 billion
- **Light Source Life***: Up to 30,000 hrs (Eco), 20,000 hrs (Normal)
- **Light Source Type**: DuraCore laser
- **Projection Method**: 360°, portrait, front, rear, ceiling mount, table top
- **Keystone Correction**: ±30° horizontal/vertical
- **Geometry**: Four corner, integrated image warping
- **Uniformity**: 80% (±5%) Offset: Center lens design
- **Aspect Ratio**: 16:10 (native), 16:9, 4:3, auto compatible
- **Throw Ratio**: 1.4 to 2.5
- **Image Size**: 3.9’ – 54.1’ (without zoom)
- **Optical Zoom**: 1.8x
- **Digital Zoom**: 0.95 – 2.0x
- **Audio**: 2x20W (stereo)
- **Noise Level**: 33dB (Normal), 27dB (Eco)
- **Remote Control**: Full size remote
- **Operating Temperature**: 41–104°F (5–40°C), 85% max humidity
- **Power Supply**: AC input 100–240V, 50–60Hz, auto-switching
- **Power Consumption**: Normal mode: 530W ±15% ECO mode: 330W ±15% @ 110Vac Standby mode: <0.5W
- **High Altitude**: Operating temperature at sea level up to 10,000 feet = 104°F (max); Must manually switch to high altitude mode from 5,000 feet and above (using OSD menu) to maintain optimal functionality.

**COMPATIBILITY SPECIFICATIONS**

- **USB Media Player Compatibility**: MKV, MP4, M4V, AVI, H.264, HEVC, MOV, TS Audio: MP3, AAC, WAV, FLAC 16/24-bit Images: JPEG, BMP, GIF
- **Computer Compatibility**: VGA, SVGA, HDTV(720P), WXGA, WXGA+, SXGA, SXGA+, UXGA, HDTV(1080p), WUXGA, 4K UHD (24/30/50/60Hz)
- **Video Input Compatibility**: PAL, SECAM, 576i/p, NTSC, 480i/p, HDTV 720p/1080i/1080p, 4K UHD (24/30/50/60Hz)
- **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 sold separately. Refer to user manual for details.
- **Vertical Scan Rate**: 24 – 85 Hz (120Hz for 1080p 3D feature)
- **Horizontal Scan Rate**: 15,375 – 91,146 kHz
- **User Controls**: Graphic user interface and on-screen menu in 27 languages
- **I/O Connection Ports**: 1x HDMI2.0 (HDCP 2.2), 1x HDMI 1.4a, 1x HDMI out, 1x HDBaseT, 1x VGA (YPbPr), 1x 3D sync, 1x 3D sync out, 1x audio (3.5mm), 1x audio out (3.5mm), 2x USB power (1.5A), 1x USB Type B (service), 1x RS-232C
- **Control**: 1x wired IR, 1x RJ-45, 1x RS-232C

**PHYSICAL SPECIFICATIONS**

- **Security**: Kensington® lock port, password (OSD)
- **Weight**: 28 lbs
- **Dimensions (W x H x D)**: 19.0” x 6.9” x 15.2”
World’s First Fixed Lens 7,000 Lumens Laser Short Throw Projector

ZU720TST

Project incredible 7,000 lumens, WUXGA images from several feet away with the next-generation Optoma ProScene ZU720TST, the world’s first fixed lens 7,000 lumens short throw laser projector. The fixed lens design with motorized 1.26x zoom, focus, lens-shift, integrated warping and blending combined with a compact, lightweight chassis provide extreme installation flexibility in auditoriums, large conference rooms, lecture halls, houses of worship and blended multi-projector installs.

The next-generation projector features DuraCore technology, an IP5X-certified optical engine and advanced thermal design for quiet operation with up to 30,000 hours (Eco) of virtually maintenance-free, 24/7, 360° and portrait mode operation. An embedded Android OS ensures quick and easy over-the-air software updates with advanced software functions.

Advanced Thermal Design

An efficient thermal design with optimized air flow path aids heat dissipation, resulting in lower fan speeds for cool and quiet operation in a compact chassis.

Android OS with Media Player

The embedded Android OS with built-in media player transforms the ProScene ZU720TST into a next-generation all-in-one powerhouse with a modern and user-friendly interface. Integrated media playback enables the projector to function without a video source connected.
ZU720TST

OPTICAL/TECHNICAL SPECIFICATIONS

- **Display Technology**: Texas Instruments™ 0.67” WUXGA DMD
- **Color Wheel**: 4 segment RGBY
- **Native Resolution**: WUXGA (1920 x 1280)
- **Maximum Input Resolution**: HDMI 2.0: 4K UHD (3840 x 2160) HDMI 1.4: WUXGA (1920 x 1200)
- **Brightness**: 7,000 ANSI lumens
- **Contrast Ratio**: 1,000,000:1 (Extreme Black enabled) 2,000:1 (full on/off)
- **Displayable Colors**: 1.07 billion
- **Light Source Life**: Up to 30,000 hrs (Eco), 20,000 hrs (Normal)
- **Light Source Type**: Laser
- **Projection Method**: 360°, portrait, front, rear, ceiling mount, table top
- **Lens Shift**: ±15% horizontal, ±50% vertical (motorized)
- ** Keystone Correction**: ±30° horizontal/vertical
- **Geometry**: Four corner, integrated image warping
- **Uniformity**: 85% (±5%)
- **Offset**: Center lens design
- **Aspect Ratio**: 16:10 (native), 16:9, 4:3, auto compatible
- **Throw Ratio**: 0.75 - 0.95
- **Projection Distance**: 2.7“ - 20.1” (without zoom)
- **Image Size**: 50” ~ 300”
- **Projection Lens (focal length)**: 11.11 - 14.16mm
- **Optical Zoom**: 1.26x (motorized)
- **Digital Zoom**: 0.95 - 2.0x
- **Audio**: 2x10W (stereo)
- **Noise Level**: 29dB (Normal), 27dB (Eco)
- **Remote Control**: Full size remote
- **Operating Temperature**: 41°–104°F (5°–40°C), 85% max humidity
- **Power Supply**: AC input 100–240V, 50–60Hz, auto-switching
- **Power Consumption**: Normal mode: 510W ±15% Eco mode: 309W ±15% @ 110Vac Standby mode: < 0.5W
- **High Altitude**: Operating temperature at sea level up to 10,000 feet = 104° F (max); Must manually switch to high altitude mode from 5,000 feet and above (using OSD menu) to maintain optimal functionality.

COMPATIBILITY SPECIFICATIONS

- **USB Media Player Compatibility**: Videos: 480p, 720p, 1080p, 1440p, 4K UHD HDR Files: MP4, MPEG4, AVI, H.264, WMV Audio: MP3, AAC, WAV Images: JPEG, BMP
- **Computer Compatibility**: VGA, SVGA, HDTV(720P), WXGA, WXGA+, SXGA, SXGA+, UXGA, HDTV(1080p), WUXGA, 4K UHD (24/30/50/60Hz)
- **Video Input Compatibility**: PAL, SECAM, 576i/p, NTSC, 480i/p, HDTV 720p/1080i/1080p, 4K UHD (24/30/50/60Hz)
- **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 sold separately. Refer to user manual for details.
- **Vertical Scan Rate**: 24 – 85 Hz (120 Hz for 1080p 3D feature)
- **Horizontal Scan Rate**: 15,375 – 91,461 KHz
- **User Controls**: Graphic user interface and on-screen menu in 27 languages
- **I/O Connection Ports**: 1x HDMI 2.0 (HDCP 2.2), 1x HDMI 1.4a, 1x HDMI out, 1x HDbaseT, 1x VGA (YPbPr), 1x 3D sync, 1x 3D sync out, 1x audio (3.5mm), 1x audio out (3.5mm), 2x USB power (1.5A), 1x USB Type B (service), 1x 12V trigger (IR)
- **Control**: 1x wired IR, 1x RJ-45, 1x RS-232C

PHYSICAL SPECIFICATIONS

- **Security**: Kensington® lock port, password (OSD)
- **Weight**: 28 lbs
- **Dimensions (W x H x D)**: 19” x 6” x 15” (doesn’t include feet or lens ring)

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