

## ZU720T

**DuraCore**  
**LASER**



### Professional Installation 7,500 Lumens Projector

**PRO**SCENE



Project incredible 7,500 lumens, WUXGA images with the next-generation Optoma ProScene ZU720T, the world's first high brightness laser fixed lens projector. The fixed lens design with 1.8x zoom, full 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.



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 light source up to 30,000 hours (Eco) with 24/7, 360° and portrait mode operation



Integrated edge-blending, image warping



Full motorized lens-shift with 1.8x manual zoom and focus

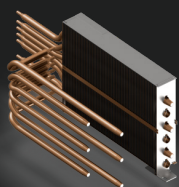


4K UHD (HDMI 2.0) input with HDR compatibility

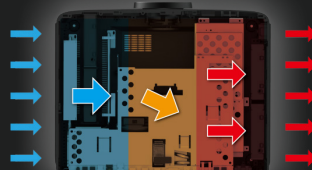


Integrated HDBaseT, robust digital and analog connectivity

#### Advanced Thermal Design

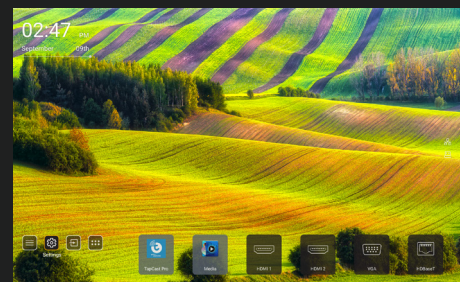


An efficient thermal design with optimized air flow path aids heat dissipation, resulting in lower fan speeds for cool and quiet operation in a compact chassis.



#### Android OS with Media Player

The embedded Android OS with built-in media player transforms the ProScene ZU720T 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.



## ZU720T



### OPTICAL/TECHNICAL SPECIFICATIONS

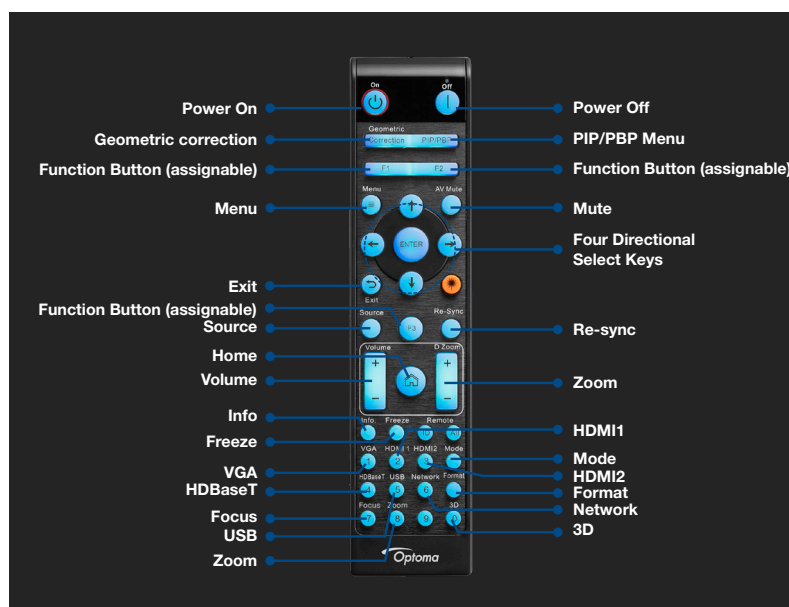
<b>Display Technology</b>	Texas Instruments™ 0.67" WUXGA DMD
<b>Color Wheel</b>	4 segment RGBY
<b>Native Resolution</b>	WUXGA (1920 x 1200)
<b>Maximum Input Resolution</b>	HDMI 2.0: 4K UHD (3840 x 2160) HDMI 1.4: WUXGA (1920 x 1200)
<b>Brightness</b>	7,500 ANSI lumens
<b>Contrast Ratio</b>	1,000,000:1 (Extreme Black enabled) 2,000:1 (full on/off)
<b>Displayable Colors</b>	1.07 billion
<b>Light Source Life*</b>	Up to 30,000 hrs (Eco), 20,000 hrs (Normal)
<b>Light Source Type*</b>	Laser
<b>Projection Method</b>	360°, portrait, front, rear, ceiling mount, table top
<b>Lens Shift</b>	±25% horizontal, ±55% vertical
<b>Keystone Correction</b>	±30° horizontal/vertical
<b>Geometry</b>	Four corner, integrated image warping
<b>Uniformity</b>	85% (±5%)
<b>Offset</b>	Center lens design
<b>Aspect Ratio</b>	16:10 (native), 16:9, 4:3, auto compatible
<b>Throw Ratio</b>	1.44 - 2.59
<b>Projection Distance</b>	3.9' - 54.1' (without zoom)
<b>Image Size</b>	40" - 300"
<b>Projection Lens</b>	F=2.0 - 2.95mm, f=20.6 - 37.2
<b>Optical Zoom</b>	1.8x (manual)
<b>Digital Zoom</b>	0.95 - 2.0x
<b>Audio</b>	2x10W (stereo)
<b>Noise Level</b>	29dB (Normal), 27dB (Eco)
<b>Remote Control</b>	Full size remote
<b>Operating Temperature</b>	41–104°F (5–40°C), 85% max humidity
<b>Power Supply</b>	AC input 100–240V, 50–60Hz, auto-switching
<b>Power Consumption</b>	Normal mode: 530W ±15% Eco mode: 330W ±15% @ 110Vac Standby mode: < 0.5W
<b>High Altitude</b>	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

<b>USB Media Player Compatibility</b>	Videos: 480p, 720p, 1080p, 1440p, 4K UHD HDR Files: MP4, MPEG4, AVI, H.264, WMV Audio: MP3, AAC, WAV Images: JPEG, BMP
<b>Computer Compatibility</b>	VGA, SVGA, HDTV(720P), WXGA, WXGA+, SXGA, SXGA+, UXGA, HDTV(1080p), WUXGA, 4K UHD (24/30/50/60Hz)
<b>Video Input Compatibility</b>	PAL, SECAM, 576i/p, NTSC, 480i/p, HDTV 720p/1080i/1080p, 4K UHD (24/30/50/60Hz)
<b>3D Compatibility†</b>	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.
<b>Vertical Scan Rate</b>	24 ~ 85 Hz (120 Hz for 1080p 3D feature)
<b>Horizontal Scan Rate</b>	15.375 ~ 91.146 KHz
<b>User Controls</b>	Graphic user interface and on-screen menu in 27 languages
<b>I/O Connection Ports</b>	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
<b>Control</b>	1x wired IR, 1x RJ-45, 1x RS-232C

### PHYSICAL SPECIFICATIONS

<b>Security</b>	Kensington® lock port, password (OSD)
<b>Weight</b>	28 lbs
<b>Dimensions (W x H x D)</b>	19" x 6" x 15" (doesn't include feet or lens ring)



#### Warranty

3 Year parts and labor limited warranty on the projector with first year advance replacement, 5-year or 12,000 hour light source warranty (whichever comes first)

#### What's in the Box

ZU720T projector, AC power cord, remote control, batteries for remote, quick start user manual

#### Accessories

Remote (replacement): BR-3004A  
Universal ceiling mount: BM-9004U  
4K UHD Casting and mirroring adapter: UHDCast Pro  
QuickCast Pro 4K HDMI starter kit: QCP-SK-4K-HDMI (1 TX and 1 RX)  
QuickCast Pro 4K HDMI starter kit: QCP-4K-KIT (2 TX, 1 RX, 1 Cradle)

UPC 796435 44 431 0

\*Light source life is dependent on brightness mode, display mode, usage, environmental conditions and more. Light source brightness can decrease over time.

†Watching 3D projection while wearing 3D glasses for an extended period of time may cause headaches or fatigue. If you experience a headache, fatigue or dizziness, stop viewing the 3D projection and rest. Portrait orientation must follow the recommended positions. Please consult the user manual for further info.