Optoma

ZU820TST
Ultra bright professional installation laser projector

- **8200 lumen DuraCore laser projector - Ultra bright for immersive installations**

- **Full motorised lens shift - Ideal for a simple set-up**

- **Large zoom range - Motorised zoom expands placement opportunities**

- **DuraCore laser technology - Delivers 30,000 hours of virtually maintenance-free operation**

At 8200 lumens with 4K and HDR compatibility, the ZU820TST features a dust-resistant IP5X certified optical engine for 24/7 operation capabilities, offering true maintenance-free projection for up to 30,000 hours of powerful performance in Eco mode. Other features include motorised zoom and focus, full motorised lens shift, and built-in dual 10W speakers.

High brightness, colour precision and quiet operation, alongside a 1.26x zoom, make this projector the ideal solution for a variety of end-user scenarios and professional environments, such as simulation, edge-blending and projection mapping, and immersive installations.

Specifications

UPC: 796435 44 628 4, EAN: 5055387666672, Colour: Black

Display/image

Display technology	DLP
Resolution	WUXGA (1920x1200)
Brightness	8,200 lumens
ANSI brightness	6,900
Contrast ratio	3,000,000:1
Contrast ratio - full on/off	1,100:1
Native aspect ratio	16:10
Aspect ratio - compatible	4:3,16:9,16:10
Keystone correction - horizontal	30°
Keystone correction - vertical	15°
Displayable colours (millions)	1073.4
Uniformity	95%
Screen size	1.27m ~ 7.62m (50" ~ 300") diagonal

Lamp info

Light source type	Laser
LASER life	30,000 hours

Optical

Throw ratio	0.75:1 ~ 0.95:1
Projection distance (m)	0.79m - 6.21m
Zoom	1.26
Zoom type	Motorised
Focal length (mm)	11.11 ~ 14.16
Lens shift	Vertical: +/-50%, Horizontal: +/-15%
Lens shift	Yes - {{downloads_link}}

Connectivity

Connections	**Inputs** 1 x HDBaseT, 1 x HDMI 2.0, 1 x HDMI 1.4a 3D support, 1 x VGA, 1 x 3D sync, 1 x Audio 3.5mm
	Outputs 1 x HDMI 2.0, 1 x 3D sync, 1 x USB-A power 1.5A, 1 x Audio 3.5mm
	Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232
LAN - wireless networking	No

General

Noise level (typical)	34dB
Noise level (max)	36dB
3D	Full 3D
Security	Security bar, Kensington Lock
IP rating	IP5X
OSD / display languages	10 languages: English, French, German, Italian, Portuguese, Russian, Chinese (simplified), Spanish, Chinese (traditional)
24/7 operation	Yes
360° operation	Yes
Remote control	Backlit ProAV remote
Speaker count	2
Watts per speaker	10W

Networking

LAN - wireless networking	No
LAN	Yes

Power

Power supply	AC 90 – 264V 50/60 Hz with PFC input
Power consumption (standby)	0.5W
Power consumption (min)	260W
Power consumption (max)	520W

Weight and dimensions

Dimensions (W x D x H) mm	486 x 394.5 x 185.5
Gross weight	17.5 kg
Net weight	12.6 kg