

4K UHD Laser ProBeam Projector

BU50NST

KEY FEATURES

Up to 300" Screen

4K UHD (3840x2160)

Laser (20,000 hr Lamp Life)

Up To 5000 ANSI Lumens

Lens Shift(Horiz \pm 20%, Vert \pm 50%)

Advanced Edge Adjustment (12point Warping)

IP control



The BU50NST provides 12-Point Warping, Lens Shift and Zoom 1.6x functionality to enable flexible installation in various business and education environments. You can set the optimal viewing environment according to the 12-point "fitting space" to ensure high picture quality for large 100-inch projections even in small spaces.

Real 4K Resolution

The BU50NST brings a truly immersive experience into your business with an incredible 8.3 million pixels. (3,840 x 2,160) utilizing XPR technology based on Texas Instruments' 4K UHD DLP technology.



Smart Connection

This device provides convenient wireless functionality for collaborative meetings such as screen sharing through wireless mirroring and Bluetooth sound out. You can also browse the internet through the webOS 4.5 web browser.

5,000 ANSI Lumens

The BU50NST provides brightness that delivers bright and clear images regardless of external lighting in large conference rooms. With 5,000 ANSI Lumens and HDR10 picture quality, viewers can experience vivid and immersive presentation experiences.



20,000 Lifetime Hours

The BU50NST projector uses a powerful laser diode that displays bright images and lasts up to 20,000 hours. If you play videos on this projector 8 hours a day, then the laser diode would last for 7 years. No more replacing expensive projector bulbs!

Specifications: BU50NST 4K UHD Laser ProBeam Projector

PROJECTION SYSTEM	Display Type	DLP
	Native Resolution	4K UHD (3840 x 2160)*
	4K Upscaling / Super Resolution	Yes
	Screen Size	40" - 300"
	Projection Image	100"@9.4-15.2ft
	Aspect Ratio	16:9/Original/4:3/Vertical Zoom All-Direction Zoom
	Zoom	1.6x
	Lens Shift	Horiz ± 20% Vert ± 50%
	Brightness	Up to 5000 ANSI Lumens**
	Contrast Ratio	3,000,000:1
	Lamp Type	Laser (LD + P/W)
	Lamp Life	Up to 20,000 Hrs
	Noise (Economic / Normal / High brightness)	26 / 27 / 29dB(A)
	HDCP	HDCP2.2
	Trumotion	Yes
	HDR	HDR10
	Digital Keystone Correction	Advanced Edge Adjustment (12 Point Warping)
LG SMART TV	Web Browser	Yes
CONNECTIVITY / WIRELESS	Bluetooth (with Speaker)	Yes
	Screen Share	Yes (with Miracast supporting device)
	Wireless Contents Share	Yes (with iOS, Adroid via TV Plus App, with DLNA supporting device)
AUDIO	Bluetooth sound out	Yes
	Built-in Speakers	10W (5W+5W Stereo)
	Bluetooth AV Sync Adjustment	Yes
INPUTS / OUTPUTS	Audio out	1 (Φ3.5)
	HDMI™	2
	USB Type A	2 (USB2.0)
	RS-232C	Yes
	RJ45	1 (HDBaseT)
	HID	Yes (Keyboard/Mouse/GamePad Connection Thru USB)
	IP Control	Yes
POWER	Power Supply (Voltage/Hz)	100V - 240V @ 50-60 Hz (PSU Built-in)
	Power Consumption	380W
	Standby Mode	<0.5W
ACCESSORIES / MANUAL	Remote Control	1 Standard (Battery included)
	Manual	Simple Book
	Warranty Card	Yes
	Power Cord	Yes
DIMENSIONS / WEIGHT	Product (WxHxD)	Without Lens
		14.6" x 6.1" x 11.4"
		14.6" x 5.7" x 11.4" (Without Leg)
	With Lens	14.6" x 6.1" x 12.8"
		14.6" x 5.7" x 12.8" (Without Leg)
		Shipping Dimensions (WxHxD)
	Weight	21.4 lbs
Shipping Weight	25.4 lbs	
WARRANTY / UPC	Limited Warranty	3 Years
	UPC	7 19192 64120 4

* 4K UHD resolution with 8.3 million discrete pixels projected by XPR (Expanded Pixel Resolution) video processing

** The Brightness is based on the perceived brightness equivalent to the brightness of lamp projector