



DESCRIPTION

LU960UST 5200lms WUXGA Installation Projector

Reproduce True-to-life Images for Totally Immersive Experiences

Creating Lasting Lessons with Striking Picture Quality

Revolutionary Laser Technology

Extending its full line of revolutionary laser projectors, the worlds No.1 DLP brand BenQ presents LU960UST, especially designed for ultra short throw fixed lens installation and reserves installation flexibility to merge into limited space.

Superior Brightness

Zero-deviation alignment of laser diodes boosts luminous flux into the light tunnel, improving light efficacy to 5,200 lumens.

Superior Performance

Dual synchronized color wheels utilize an additive yellow segment, stimulating precise RGBY spectra for optimal chromatic performance.

Superior Durability

Comprising over two million micromirrors that reflect pure light through the color wheel, the DLP chip is hermetically sealed to resist heat for over 200,000 hours without degradation.

Excellent Installation Flexibility

Ultra Short Throw Design for Unobstructed Viewing Without Space Constraints

Producing larger-than-life images in tight spaces with a 0.25 ultra short throw ratio, LU960UST eliminates distracting shadows and glare for viewers to move freely in front of the screen while enjoying immersive viewing experiences in places with space limitation or retail application with a lot traffic.

Native Resolution Switch and Digital Lens Shift

LU960UST is built with the native resolution switch function so users can change the native resolution from WUXGA into 1080P. When the native resolution is set at 1080P, the vertical lens shift function will be enabled for users to perfectly align images in any challenging venue such as when lights or vents that are located at the ceiling mounting site. Lens shift can move projected images up and down by 5% of screen height.

Digital Shrink and Shift without Distortion

Digital image shrinking and shift lets installers shrink the image to 80% of the original size in 0.5% increments via OSD menu. The image can also be shifted, so installers do not have to reinstall or adjust the projector physically in case the image is not precisely aligned on the desired frame and space.

360° and Portrait Projection Accommodate Different Spaces

Laser technology guarantees reliable projection from any angle. Dynamic installation options such as 360° rotation and portrait applications, allows projection onto ceiling, walls, floors or angled signage.

Ensure Consistent Brightness Blending with Custom Light Mode

Custom Light Mode modulates light power output from 40% to 100% under a scale of 80 steps, optimizing the projected image in a variety of ambient lighting situations. It is especially useful for blending consistent brightness across multiple projections.

Wired Remote Control

Wired Remote Control offers projector installers and IT managers extra set-up convenience and ease of operation. The added wired control functionality makes the device a dependable choice for projector installation adjustment.

Remote Control Projector ID Setting for Independent Control

Installers and IT managers can assign a specific remote control ID to each projector, avoiding signal interference and unintentional changes when installing multiple projectors in a venue.

3D Sync In /3D Sync out

Connect up to 3 projectors and project 3D content together by a single PC.

HDBaseT for Uncompressed Transmission Up to 100m and Control

Groundbreaking HDBaseT connectivity combines video, audio, RS-232 and LAN signal control signals from multiple sources including: PCs, laptops, document cameras, Blu-ray and DVDs onto a single RJ-45 cable. This ensures seamless transmissions up to 100 meters.

Superior Image Quality

Lag-Busting Response with Fast Mode

Based on expertise gained from experience with near-zero latency displays used in gaming, LU960UST employs Fast mode functions to provide latency as low as 16.67ms. LU960UST can serve the fast-moving dynamic or interactive scenes such as in immersive cycling simulation and amusement park theaters very well.

WUXGA Resolution for Enhanced Detail and Expanded Content

With an impressive WUXGA (1920 x 1200) native resolution that far exceeds Full HD 1080p, BenQ LU960UST laser projector offers greater details and stunning image clarity when projecting high resolution images.

Dual Color Wheels Produce 92% Rec.709 Color Coverage for Optimal Color Performance

LU960USTs powerful laser projection utilizes a dual color wheel system to produce unparalleled color performance that achieves a 92% Rec.709 color coverage. By increasing color ratios and the purity of RGBY color, LU960UST dramatically enhances color saturation to ensure superior presentation quality

TECHNICAL CHARACTERISTICS

Brand :	BENQ
Part number :	9H.JMT77.25E
Réseau :	Smart TV : N
Caractéristiques :	HDCP : Y
Vidéo :	

Full HD : Y
3D : Y
3D glasses included : Y
3D sync port : Y
AC (power) in : Y
AC input voltage : 100 - 240 V
Analog signal format system : NTSC, PAL, SECAM
Audio (L/R) in : 1
Audio (L/R) out : 1
Batteries included : Y
Built-in display : N
Built-in speaker(s) : Y
Cable lock slot : Y
Cable lock slot type : Kensington
Cables included : AC
Card reader integrated : N
Contrast ratio (typical) : 3000000:1
Depth : 473 mm
DisplayPorts quantity : 1
DVI port : N
Ethernet LAN : Y
Ethernet LAN (RJ-45) ports : 1
Harmonized System (HS) code : 85286200
HDMI connector type : Full-size
HDMI ports quantity : 3
HDMI version : 2.0
Height : 157.4 mm
Horizontal scan range : 15 - 135 kHz
Interactive : N
Keystone correction, horizontal : -30 - 30°
Keystone correction, vertical : -30 - 30°
Light source type : Laser
Manual : Y
Market positioning : Business
Mini-USB 2:0 ports quantity : 1
Native aspect ratio : 16:10
Noise level : 37 dB
Noise level (economic mode) : 35 dB
Number of colours : 1.07 billion colours
Offset : 122%
On Screen Display (OSD) : Y
On Screen Display (OSD) languages : Arabic, Bulgarian, Simplified Chinese, Traditional Chinese, Croatian, Czech, Danish, German, Dutch, English, Spanish, Finnish, French, Greek, Hindi, Hungarian, Indonesian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Romanian, Russian, Swedish, Thai, Turkish
Operating temperature (T-T) : 0 - 40 °C
Power consumption (economy mode) : 339 W
Power consumption (max) : 500 W
Power consumption (standby) : 0.5 W
Power consumption (typical) : 450 W
Power source : AC
Product colour : Black
Product type : Ultra short throw projector
Projection technology : DLP
Projector brightness : 5200 ANSI lumens

Projector native resolution : WUXGA (1920x1200)
Remote control included : Y
Remote control type : Wireless/Wired
RMS rated power : 10 W
Screen size compatibility : 2540 - 3810 mm (100 - 150»)
Serial interface type : RS-232
Service life of light source : 20000 h
Service life of light source (economic mode) : 38000 h
Service life of light source (portrait mode) : 70000 h
Supported graphics resolutions : 640 x 480 (VGA), 1920 x 1200 (WUXGA)
Supported video modes : 480i, 480p, 576i, 576p, 720p, 1080i, 1080p
Throw ratio : 0.25
USB 2:0 ports quantity : 1
Vertical scan range : 23 - 120 Hz
VGA (D-Sub) ports quantity : 2
Weight : 12 kg
Width : 480 mm
Wi-Fi : N