EPSON BrightLink 436Wi Interactive WXGA 3LCD Projector **Specifications**

Projection System: Epson® 3LCD, 3-chip technology

Projection Method: Front / wall mount

Driving Method: Poly-silicon TFT Active Matrix

Pixel Number: 1,024,000 dots (1280 x 800) x 3

Color Brightness (Color Light Output): 3000 lumens[1]

White Brightness (White Light Output): 3000 lumens[1]

Interactive Color Brightness (Color Light Output): 3000 lumens[1]

Interactive White Brightness (White Light Output): 3000 lumens[1]

Aspect Ratio: 16:10

Native Resolution: 1280 x 800 (WXGA)

Resize: 640 x 480 (VGA), 800 x 600 (SVGA), 1024 x 768 (XGA), 1152 x 864 (SXGA), 1280 x 960 (SXGA2), 1280 x 1024 (SXGA3), 1366 x 768 (WXGA 60-2), 1440 x 900 (WXGA+), 1400 x 1050 (SXGA+), 1600 x 1200 (UXGA)

Lamp Type: 230 W UHE (E-TORL®)

Lamp Life:

- ECO mode: Up to 6000 hours[2]
- Normal mode: Up to 4000 hours[2]

Throw Ratio Range: 0.48 – 0.65

Size (projected distance):

- 53" – 116" without wall mount
- 68" – 113" with wall mount

Keystone Correction:

Manual:

- Vertical: ±7 degrees
- Horizontal: ±5 degrees

Contrast Ratio: Up to 3000:1

Color Reproduction: Up to 1 billion colors

Projection Lens

Type: Digital zoom / Manual focus

F-number: 1.80

Focal Length: 6.48 mm

Zoom Ratio: Digital zoom 1.0 – 1.35

Other

Display Performance:

- NTSC: 480 lines
- PAL: 576 lines

  (Depends on observation of the multi-burst pattern)

Input Signal: NTSC / NTSC4.43 / PAL / M-PAL / N-PAL / PAL60 / SECAM

Interfaces:

- Computer / component video: D-sub 15 pin x 2
- S-video: Mini DIN x 1
- Composite video: RCA (Yellow) x 1
- Audio in: RCA x 1 (L and R), Mini stereo x 2
- USB connector: Type B x 1 (USB display, audio and pen control)
- USB connector: Type A x 1 (USB memory/document camera)
- HDMI x 1
- RJ-45 x 1
- Serial: RS-232c x 1
- Monitor out: D-sub 15pin x 1
- Audio out: Mini stereo x 1
- Microphone: Mini stereo x 1
- Wireless LAN port: 802.11 b/g/n

Speaker: 16 W mono

Operating Temperature: 41° to 95° F (5° to 35° C)

Power Supply Voltage: 100 – 240 V ±10%, 50/60 Hz AC

Power Consumption:

- ECO mode: 254 W
- Normal mode: 344 W
- Communication on: 6.80 W standby
- Communication off: 0.28 W standby

Fan Noise:

- ECO mode: 29 dB
- Normal mode: 37 dB

Security: Kensington® security lock port, padlock and security cable hole, password protect function

Dimensions

Including feet: 13.6" x 11.7" x 6.2" (W x D x H)

Excluding feet: 13.6" x 10.9" x 4.1" (W x D x H)

Weight: 9.1 lb

Remote Control

Features: Source search, video, LAN, computer, USB, power, aspect, color mode, volume, e-zoom, A/V mute, freeze, menu, page up and down, help, auto, mouse functions, user, esc, Pen mode

Operating Angle:

- Right / Left: ±30 degrees
- Upper / Lower: 10 to 70 degrees

Operating Distance: 19.7' (6 m)

Interactive Specifications

Interactive Technology: infrared, 940 nm

Interactive Area:

BrightLink 436Wi

- 68" to 113" diagonal (16:10, WXGA) wall mounted
- 53" to 116" without mount

Interactive Modes: Computer interactivity/input: Interactive and Whiteboard modes, Dual user

Calibration Method: Automatic or Manual

Interactive Connectivity: USB Type A/B

System Compatibility:

- Connection to the computer: USB

Epson Easy Interactive Driver

- Windows® and Linux: no driver required
- Macintosh®: Mac OS® X 10.3.9, 10.4.x, 10.5.x, 10.6.x, 10.7.x, 10.8.x (Included in the box. Also available for unlimited download at Epson.com support page)

PC-Free Annotation

PC-Free Annotation Tools: Yes

PC-Free Annotation Sources: document cameras, DVD/Blu-Ray player, iPod/iPad devices[3] (devices not included)

Interactive Software

Easy Interactive Tools Compatibility:

System compatibility

- Microsoft Windows XP SP2, Windows XP SP3 (Home Edition/Professional), Windows Vista®[4], Windows Vista SP1[4], Windows Vista SP2[4] (All editions except for Starter), Windows 7[5], Windows 7 SP1[5] (All editions except for Starter), Windows 8
- Macintosh OS X 10.4.x, Mac OS X 10.5.x, Mac OS X 10.6.x, Mac OS X 10.7.x, Mac OS X 10.8.x

TeamBoard Draw Compatibility : (TeamBoard Draw is included)

System compatibility

- Windows XP SP3 (32-bit), Windows Vista (32- or 64-bit), Windows 7 (32- or 64-bit), Quicktime player and Flash

player installed
- Macintosh Intel Mac OS X 10.5x or later

Interactive Input Device

Type of Interactive Input Device: Digital pen (one included)

Multiple Pen Support: Yes[6]

Interactive Pen Functions: Mouse functions (left and right click), Electronic pen, LED battery status indicator

Interactive Pen Power: AAA batteries, rechargeable

Compatible Pen Battery Types: SANYO eneloop®(HR-3UTG / HR-3UTGA)[7], Manganese dry cell, alkaline dry cell

Interactive Pen Dimensions: 6.5" x 0.98" (L x W)

Interactive Pen Weight: 1.2 oz.