Overview

- EPSON EB685W Projector
- 16:10 aspect ratio
- Up to 4 points of touch
- Low glare projection surface
- 2 streamlined 25w speakers
- Qwizdom OKTOPUS™ licenses (2x User & 5x Collaboration)
- Qwizdom OKTOPUS™ online lesson access (12 months)
- Includes 3 year warranty

Features

- Infra Red (IR) multi touch functionality - Your finger is the mouse, directly touch what you want to control
- True multi-touch – Simultaneous touch anywhere on the board
- Driverless – Can be used on ANY computer
- Plug & Play – Simply plug into your computer and it just works
- Marker pen friendly surface – Use as a regular whiteboard and cleans without residue
- Epson's 3LCD technology ensures high-quality images with equally high white and colour light output for vivid colours and bright images, even in daylight, and three times brighter colours than competitive projectors.

3 YEARS WARRANTY

Size

Total size	92"
Length	1999mm
Width	1265mm
Diagonal	2365mm
Aspect ratio	16:10
Bezel thickness	45mm

Standard Features

Technology	Infrared Technology
Writing stylus	Pen, finger, pointer and any other opaque objects
Positioning accuracy	Typical accuracy < 2mm
Response object size	>Ø3.0mm, recommended size: Ø5.0mm
Cursor speed	180 d/s around
Resolution	4096 (W) × 4096 (D)
Respond speed	First dot (click): 25ms | Continuous dots (write): 8 ms
Installation instruction	Wall mounting or portable floor stand (optional)
Certification	CE, FCC, RoHs
PC port	USB 1.1, USB 2.0, USB 3.0
Warranty	3 year back to base

Power Supply

Power supply	USB power supply
Voltage	DC 4.6V - 5.0V
Power consumption	<1W (200mA at 5V)

Working Environment

Work temperature	-10°C to 45°C
Storage temperature	-30°C to 60°C
Working humidity	10% to 90%
Storage humidity	0~95%

What's in the box

Nut/bolt	x 8
Bottom bracket	x 2
Stylus	x 4
Warranty card	x 1
CD with calibration software for Win and Mac	x 1
Pen tray	x 1
USB cable (5m)	x 1
Wall mounting strip	x 1

Epson EB-685W Technology

Projection technology	3LCD Technology
LCD Panel	0,59 inch with D9

Epson EB-685W Optical

Projection Ratio	0.28 - 0.37:1
Zoom	Digital, Factor: 1 - 1.35
Lens	Optical
Image Size	60 inches - 100 inches
Projection Distance Wide	0.4 m (60 inch screen)
Projection Distance Tele	0.6 m (100 inch screen)
Projection Lens F Number	1.6
Focal Distance	3.7 mm
Focus	Manual
Offset	5.8 : 1

3 YEARS WARRANTY

Epson EB-685W Image

Colour Light Output	3,500 lumen- 2,900 lumen (economy) in accordance with IDMS15.4
White Light Output	3,500 lumen - 2,900 lumen (economy) in accordance with ISO 21118:2012
Resolution High	WXGA, 1280 x 800, 16:10
Definition	HD ready
Aspect Ratio	16:10
Contrast Ratio	14,000 : 1
Light source	Lamp
Lamp	250 W, 5,000 h durability, 10,000 h durability (economy mode), 9,000 h durability (economy mode)
Keystone Correction	Manual vertical: ± 3 °, Manual horizontal ± 3 °
Colour Processing	10 Bits
2D Vertical Refresh Rate	100 Hz - 120 Hz
Colour Reproduction	upto 1.07 billion colour

Epson EB-685W Connectivity

USB Display Function	3 in 1: Image / Mouse / Sound
Interfaces	USB 2.0 Type A, USB 2.0 Type B, RS-232C, HDMI in (3x), Composite in, RGB in (2x), RGB out, Stereo mini jack audio out, Stereo mini jack audio in (3x), Microphone input, Ethernet interface (100 Base-TX / 10 Base-T), Wireless LAN IEEE 802.11b/g/n (WiFi 4) (optional), VGA in (2x), VGA out, MHL
Epson iProjection App	Ad-Hoc / Infrastructure

Epson EB-685W Advanced Features

Security	Kensington lock, Password lock, Security cable hole, Wireless LAN unit lock, Wireless LAN security, Password protection
2D Colour Modes	Dynamic, Cinema, Presentation, sRGB, Blackboard
	Features Auto brightness adjustment, Automatic input selection, Built-in speaker, CEC compatible, Customizable user logo, Digital zoom, Direct Power on/off, Document Camera Compatible, Dynamic lamp control, Easy OSD pre-setting, Home Screen, Long lamp life, Split-ScreenFunction, Wireless LAN capable
Interactivity	No
Video Colour Modes	Blackboard, Dynamic, Presentation, Sports, sRGB, Theatre, Whiteboard
Projector control	via: AMX, Crestron, Control4

Epson EB-685W General

Energy Use	354 W, 309 W (economy), 0.37 W (standby)
Supply Voltage	AC 100 V - 240 V, 50 Hz - 60 Hz
Product dimensions	367 x 400 x 149 mm (Width x Depth x Height)
Product weight	5.7 kg
Noise Level	Normal: 35 dB (A) - Economy: 30 dB (A) - Eco2: 29 dB (A)
Temperature	Operation 5° C - 40° C, Storage -10° C - 60° C
Humidity	Operation 20% - 80%, Storage 10% - 90%
	If the projector is suspended from a ceiling or wall mount and installed in an environment with heavy oil smoke or places where oils or chemicals are volatilized, or where aroma oils are frequently burned, it can make certain parts of our products susceptible to a material degradation which over time could break and cause the projector to drop from the ceiling. If you are concerned about the environment in which your projector is installed, or if you have any other questions, please contact our support department and they can provide additional assistance.
Included Software	Epson Projector Management Software, EasyMP Multi PC Projection
Options	Air filter, Connection and control box, Document camera, External Speaker, USB extension cable, Wireless LAN unit
Compatible Operating Systems	Linux, Mac OS 10.10.x, Mac OS 10.7.x, Mac OS 10.8.x, Mac OS 10.9.x, Ubuntu 14.10, Ubuntu 15.04, Ubuntu 15.10, Ubuntu 16.04 LTS, Windows 10, Windows 8, Windows 8.1
Loudspeaker	16 W
Room Type / Application	Collaboration space / Classroom
Positioning	Wall Mounted
Colour	White / Grey
TCO Certified	Yes

3 YEARS WARRANTY

Speaker System Computer Input

USB	1 x USB type B

Speaker System Computer Output

USB	1 x USB type A
USB THRU	1 x USB type A

Speaker System Audio Input

MP3	1 x Stereo audio 3.5mm jack
MIC	1 x 6.5mm jack
AUX	1 x Stereo audio 3.5mm jack
Input impedance	>10kΩ

Speaker System Audio Output

Speaker	1 x Phoenix connector
Variable line out	1 x Stereo audio 3.5mm jack
Output impedance	50Ω / stereo, 8Ω / amplifier

Speaker System Video Input

VGA	1 x 15mm female VGA
HDMI	19pin female HDMI

Speaker System Video Output

VGA	1 x 15mm female VGA
HDMI	19pin female HDMI

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