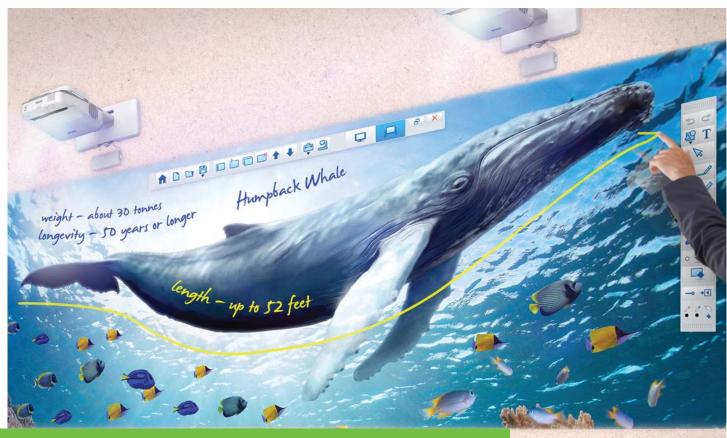
### **ULTRA-SHORT THROW INTERACTIVE PROJECTORS** EB-696Ui/695Wi/685Wi/685W/680





## **INTERACT SEAMLESSLY ACROSS PANORAMIC IMAGES.**

Take your audience on a breathtaking journey around the world through life-size panoramic images with the EB-600 series ultra-short throw projectors. Bring images to life with all its detail with staggering clarity beyond Full HD\* and project longer than before with an astounding 10,000 hours of lamp life in eco-mode. Create panoramic projections and enjoy seamless interactions with just your fingers\*\* or with the interactive pens' while you scroll, zoom, and draw across dual projections'.







Dual Screen Finger Touch Interactive\*\*



Ultra Short 80" 47cm



10,000 Hours Multi-PC



3 x HDMI





FB-695Wi/685Wi/685W/680

#### **ENGINEERED FOR BUSINESS**

#### **Image That Illuminates**

WUXGA\* delivers clarity at a resolution of 1920 x 1200 to highlight every intricate detail and create large inspiring images.

#### **Panoramic Interactive Experience**

Draw seamlessly across two projections<sup>^</sup> side by side, and experience wider panoramic interactivity.

#### **Enhanced Audience Collaboration**

Send projected questions to the audience's mobile devices to gather responses and project up to four of them at once.







For EB-696Ui only.

Available on EB-696Ui/695Wi only.

Available on EB-696Ui/695Wi/685Wi only.

EB-696Ui/695Wi/685Wi/685W/680

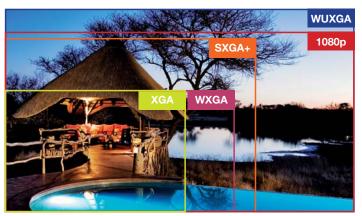
Interactive, versatile and powerful, these projectors are set to redefine your discussions and presentations. Featuring advanced features such as beyond Full HD ultra-short throw projection, PC-less interactivity and seamless interactivity across dual screens, the Epson EB-600 projector series enables you to kick-start highly engaging interactive presentations right away.



#### Image that Illuminates

#### WUXGA - Beyond Full HD Resolution\*

Enjoy a dynamic viewing experience with WUXGA resolution (1920 x 1200 pixels) that is beyond Full HD. Deliver clearer high-resolution images from PCs, tablets and smart phones and watch your photos, 3D CAD, Blu-ray and online videos come to life in Full HD. Data figures on spreadsheets and charts will also be displayed clearly for everyone to read accurately.



#### **High Brightness Even in Eco-mode**

Reduce energy consumption in ECO mode with minimal impact on image brightness. When ECO mode is turned on, brightness will only be reduced to 2,900 lumens. That means you can still enjoy bright projection even as you save on energy costs.



#### **Auto-brightness Adjustment**

Save energy consumption and do your part for the environment with the eco-friendly auto-brightness adjustment. The luminance sensor detects the brightness level of the environment and adjusts the projector's brightness automatically, giving you power and cost savings. This function can be turned on/off according to your preference.



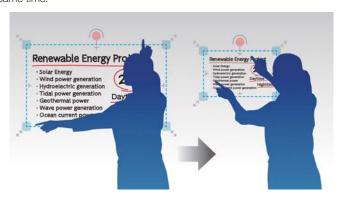
#### **Panoramic Interactive Experience**

#### Finger-touch Interactivity\*

Control your presentations and PC applications or navigate the modern touchscreen interface with the finger-touch enabled interactive projectors. You will be able to point, swipe, draw, pinch in/out and rotate using your fingers, even when projecting wirelessly.



When connected via USB cable to a PC running Epson Easy Interactive Tools 4.2 software, the projector supports six fingers and two interactive pens, allowing multiple users to write simultaneously for maximum participation and collaboration. When operating the projector standalone without a PC, the projector allows two fingers and two pens to write at the same time.



#### $^{\ast}$ Only applicable for EB-696Ui and EB-695Wi.

#### **Dual Interactive Pens\*\***

The two new interactive pens are designed for high-speed writing, accurate response and long battery life. The high response speed and accuracy make drawing as instant and smooth as writing with a real marker on whiteboard. The pens can also function like a computer mouse to select, drag and double-click objects.



Both interactive pens are able to draw at the same time throughout the whole screen with its own selected colour. Fingers can select a third colour or the eraser function to work on the screen together with the pens. The pens also come with a side button for users to instantly activate various assigned functions to facilitate the most convenient annotation experience.



#### EB-696Ui/695Wi/685Wi/685W/680

#### **PC-less Interactive Functionality**

With this original PC-free interactive feature by Epson, you can write and draw on the projector's in-built digital whiteboard or any image projected from other non-PC sources such as document camera, blue-ray player, video conference system, tablets and smart phones. You can also control any photo slide show loaded from a USB memory key in PC-free mode.



#### **Dual Screen Seamless Interactivity**

To deliver the most immersive interactive experience, two projectors can be installed side by side to create an ultra-wide interactive panoramic screen of up to 177 inches diagonal. Write or move objects seamlessly across the dual screen with your fingers or interactive pens. With the extended interactive space, more meeting information can now be displayed for cross-referencing and you will never have to worry about limited drawing space anymore.



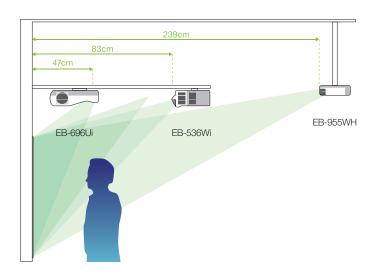
#### **Enhanced Audience Collaboration**

#### **Ultra-short Throw Advantage**

With ultra-short throw, light from these interactive projectors is less distracting as it barely touches the presenter, ensuring a more comfortable experience compared to conventional models.

As light is not blocked by the presenter, less shadow is formed on the screen, allowing the audience to clearly see the information projected at all times.

The ultra-short throw setup also ensures stable performance of the two interactive pens and provides consistent colour uniformity over the entire screen. These advantages keep the presenter more comfortable and enable clear, smooth presentations.





Conventional projector with shadow interference

Epson ultra-short throw projector



Conventional projector with blinding glare on presenter's face

Epson ultra-short throw projector

#### **Versatile Projection**

With ultra-short throw, it is now possible to project a large screen within the narrow space of retail windows. You can now create captivating window displays with the help of large projections to increase the visibility of store merchandise. The ultra-short throw projectors can also be flexibly mounted onto a table to create an engaging interactive tabletop for meetings and discussions.





Desktop projection for window display

Table top projection

#### Wide Range of Connectivity

#### **Full Compatibility**

Advanced connectivity features mean convenient and hassle-free projections of your presentations. Featuring wide-ranging interfaces, these projectors not only correspond with multiple conventional analogue sources, they are also compatible with HDMI and supports CEC. And with three HDMI input terminals, of which one is MHL-enabled for mirroring of Android mobile devices, you can connect to various devices and share contents from different sources easily.

Simply connect your MHL-compatible device with the MHL cable to fully enjoy your contents on the big screen. What's more, when connected, you can charge your Andriod mobile device and operate it using the projector's remote control.





#### EB-696Ui/695Wi/685Wi/685W/680

#### iProjection App for Mobile Devices

The iProjection app enables both iOS and Android devices to easily connect to the projector. You can use iProjection to wirelessly project various documents, photos and web pages, and draw on the device screen and share on projection. To connect, search for the projector in your local network or simply scan a QR code displayed on the projector screen. Remote control function is also built into iProjection so you can use the app to control projector functions. In addition, iProjection now supports screen mirroring (without audio) from devices running on Android 5.0 and above.



In iProjection, projector profile search, multi-screen display, distribution function, audio transfer, movie file transfer, interrupt connection disabling and encryption data transfer capabilities are not supported.



\*\* Wireless LAN USB dongle ELPAP10 is sold separately to enable projector's wireless connectivity to PCs, devices and wireless network.

#### **Split Screen**

Split the projector screen into two to project images from two different sources simultaneously. With the maximum 100-inch large screen size, you can project images from two different sources side-by-side clearly. For example, you may show your presentation or document camera image on one side and write on the digital whiteboard on the another. With this function, there is no need to purchase two separate displays.

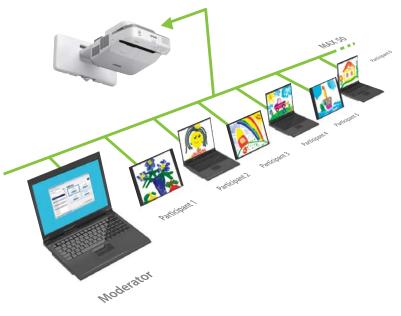


#### **Multi PC Projection**

Project from your laptop wirelessly using Epson EasyMP Multi PC Projection 2.0 software. Up to 50 laptops and mobile devices can connect to a single projector via this software. A laptop or device of the presenter can be assigned as the moderator and send a projected image with questions to all connected participant devices. After the participants write down their answers on the image and project them, the moderator can view thumbnail previews of the answers and select up to four of them to be projected on the screen simultaneously for sharing and comparison.







#### **Convenient and Ergonomic Features**

#### **Home Screen**

View and access your most frequently used functions immediately from the home screen. See all input sources at one glance and switch between them easily. For devices to easily connect wirelessly, the projector's wireless network information and QR code are also shown on the home screen.



#### **Auto Power On**

With the auto power on function, projection starts automatically once a projection signal is detected via VGA cable.

#### Improved Control Toolbar on the Projector Screen

Conveniently access commonly used functions from the control toolbar projected on screen. Buttons available include Home, Print, Save, Image Share, Input, Zoom, A/V mute, Freeze, Volume, Split Screen, Timer, Document Camera and Power Off.

#### **Enhanced Whiteboard Feature**

Drawings and images on the projector's digital whiteboard can be saved into a USB memory drive or printed via a network printer.



#### **Eco Features**

- Uses just 0.37W of power in standby mode
- Projector optics employ lead-free lenses
- Unpainted plastic housing reduces the environment impact
- The flame retardants used in the plastic housing do not contain chlorine or bromine

#### **On-screen Control of Epson Document Camera**

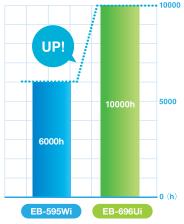
With greater compatibility to Epson document cameras\*, you can adjust document camera functions like zoom, auto focus, image capture, rotation, video recording, etc. from the on-screen document camera control toolbar. These controls are enabled by just a HDMI connection. Now, you can easily control the document camera to achieve your ideal image without moving away from the presentation screen.



\* Only applicable for ELPDC21/ELPDC13/ELPDC07 document cameras.

#### **Longer Lamp Life**

With a long lamp life of 10,000 hours in ECO mode, the frequency of lamp replacements is reduced, saving you time and lowering the total cost of ownership.



Comparison in ECO mode

#### Better Products for a Better Future™

For more information on Epson's environmental programmes, visit http://global.epson.com/SR/environment.

#### PARTNERS IN PERFECTION

#### Wireless LAN Adaptor ELPAP10



Supports 802.11 b/g/n connection

Compatible with all Epson wireless-enabled projectors

#### **Desktop Document Camera ELPDC21**



Full HD (1080p) resolution 2 megapixels with 30fps 12x optical zoom 10x digital zoom HDMI connectivity

#### Ink Tank System L485



Print speed: 33ppm Maximum resolution: 5760 x 1440 dpi Multifunctional: print, scan, copy Wireless and Wi-Fi direct printing Epson connect enabled



### SEE VIBRANT, REALISTIC COLOURS WITH HIGH COLOUR BRIGHTNESS.



See colours like never before. Epson 3LCD projectors deliver brilliant colours that match its white brightness to give you balanced, realistic, and vibrant images. It's no wonder Epson projectors are the people's preferred choice.



#### **Up to 3X Wider Colour Gamut**

Colour gamut refers to the range of colours that can be reproduced by a display device - the wider the gamut, the more realistic it is. Epson 3LCD projectors project three times wider gamut that matches closely to the original standard of a display device (sRGB), as compared to 1-chip projectors.

fly-prioed leading 1-chip DLP<sup>®</sup> business and education projectors based on NPD data from July 2011 through June 2012 poin). Colour brightness (colour light output) measured in accordance with IDMS 15.4. Actual colour brightness will vary econditions. 3.(CP) is a registered trademark of Selixo Epson Corporation. DLP<sup>®</sup> is a registered trademark of Texas se here does not imply any affiation with or endorsement by them.



Comparing the yellow corners among the three gamuts, 1-chip projectors have a distinctly darker and smaller set of colours which are not

COLOUR GAMUT

#### **Up to 3X Brighter Colours**

Epson 3LCD projectors deliver up to three times the colour brightness, effortlessly creating the same colour and white brightness, resulting in faithful images with superior colour balance.



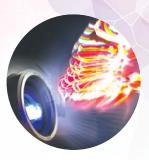


#### No Rainbow Effect



With 1-chip projectors, the spinning motion of the sequential colour wheels tend to cause colours to break out into distinct red, green and blue. Called the

rainbow effect, this may cause users to suffer headaches with prolonged viewing. Epson projectors do not give out this effect, giving users a comfortable experience.





www.epson.com.sg/colourbrightness

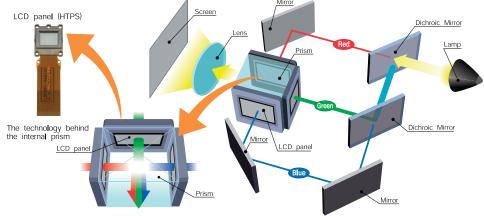
## **EPSON 3LCD TECHNOLOGY - FOR BRIGHT, FAITHFUL COLOURS**

3LCD projectors offer brighter and more accurate colours as they produce different shades and hues by filtering, then mixing beams of the three primary colours (red, green and blue).

In a 3LCD projector, white light is first split into the three beams of primary colours. Each beam is then filtered through its own LCD that will give each individual pixel of the image its exact brightness for each colour. The colour beams are then perfectly recombined in a prism before being projected out as a complete image.

This compares to projectors using single-chip technology that actually project individual colours sequentially by filtering their single white light beam through a colour wheel, and then relying on human colour perception to combine the colours in the viewers' minds.

As a result, 3LCD projectors also offer greater detail, smoother gradations, no "colour breakup" effect, are easier on viewers' eyes, and consume about 25% less power to achieve the same brightness compared to a single-chip projector using a lamp of the same wattage.



3LCD projector: RGB are projected at the same time, which makes the single composite image easy on the eyes

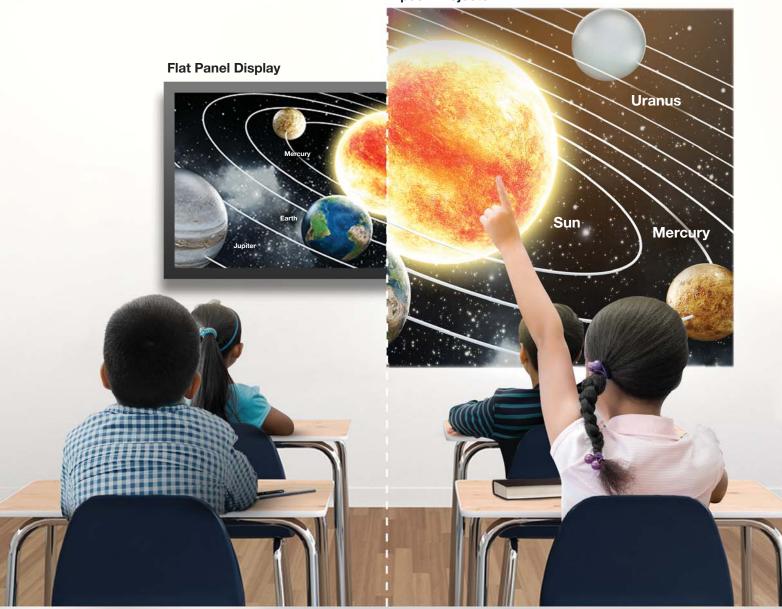




# BIGGER PROJECTION. BRIGHTER FUTURE.



**Epson Projector** 



58% of students in a classroom are unable to read content on a 70-inch flat panel display.\* This is why we've built projectors that depict larger and more immersive pictures, so that you can fully engage your audience and maximise every learning experience with exquisite detail and vibrancy. By not downsizing classroom displays to flat panels—you ensure the brightest minds of our future are not hindered by contents displayed too small and unreadable. Experience the real practical difference today.











Epson Southeast Asia



Epson Projector

Flat Panel Display



70"



100"

To find out more, visit www.epson.com.sg/displaysizematters

#### EB-696Ui/695Wi/685Wi



MODEL NUMBER	R	EB-696Ui	EB-695Wi	EB-685Wi	
Projection Technology		RGB liquid crystal shutter projection system	(3LCD)		
Specifications of	Main Parts	·			
_CD	Size	0.67" (D10)	0.59" (D9 C2fine)		
	Native Resolution	WUXGA	WXGA		
Projection Lens	Type	No Optical Zoom / Focus (Manual)	1		
rojection Lens	* 1	1.60			
	F-Number				
	Focal Length	4.2mm	3.7mm		
	Zoom Ratio	1.0 - 1.35 (Digital Zoom)			
	Throw Ratio	0.27 - 0.37 (Wide - Tele)	10.28 - 0.37 (Wide - Tele)		
_amp	Type	267W UHE	250W UHE		
-carrip	21		-	/ 0.000 have	
	Life (Normal / Eco / Eco2)*1			7 9,000 nours	
Screen Size (Projected Distance)		70" - 100" [40.5 - 59.3 cm] 60" - 100" [35.4 - 60.1 cm]			
		90" screen 53cm	74.3" screen 44.3cm		
Brightness <sup>2</sup>					
White Light Output	(Normal / Eco)	3,800lm / 2,900lm	3,500lm / 2,900lm		
Colour Liaht Outpu	ıt	3,800lm	3,500lm		
Contrast Ratio		16,000:1	14,000:1		
	(-)	10,000.1	14,000.1		
nternal Speaker	(S)				
Sound Output		16W Mono			
Keystone Correc	tion	· <del></del>			
Vertical / Horizontal (Zoom : Tele)		±3°/±3°			
Quick Corner	, , , , , , , , , , , , , , , , , , , ,	Yes			
		100			
Connectivity	· · ·		In my		
Analog Input	D-Sub 15Pin	1 (Blue)	2 (Blue)		
	Composite	RCA x 1 (Yellow)			
Digital Input	HDMI	3 (HDMI1 in common with MHL)			
Output Terminal	D-Sub 15Pin	1 (Black)	1 (Black) In common with Co	nmnuter2	
	Stereo Mini Jack		3	or i putorz	
Audio Input		2	3		
Audio Output	Stereo Mini Jack	1			
Others	USB Type A	2 (for USB Memory, USB Document Camera	a, 1 (for USB Memory, USB Do	ocument Camera, Firmware Update	
		Firmware Update, Copy OSD Settings)	Copy OSD Settings)		
	USB Type B	1 (for USB Display, Mouse, K/B, Control, Firr	nware Update, Interactive, Con	ov OSD Settinas)	
	Microphone Input	1		3.7	
Control I/O	BS-232C	D-Sub 9pin x 1			
JULIUI I/U					
	Interactive Sync	Stereo Mini Jack IN x 1, OUT x 1			
	Touch Unit Control	Yes		N/A	
Network	Touch Unit Control Wired LAN			N/A	
Network	Wired LAN	RJ45 x 1 (100Mbps)		N/A	
Network	Wired LAN Wireless			N/A	
Network Wireless Specific	Wired LAN Wireless	RJ45 x 1 (100Mbps)		N/A	
Wireless Specific	Wired LAN Wireless	RJ45 x 1 (100Mbps)		N/A	
Wireless Specific	Wired LAN Wireless	RJ45 x 1 (100Mbps) Optional (ELPAP10)		N/A	
Wireless Specific	Wired LAN Wireless	RJ45 x 1 (100Mbps) Optional (ELPAP10)  IEEE 802.11b: 11 Mbps <sup>-3</sup>		N/A	
Wireless Specific Supported Speed	Wired LAN Wireless cations For Each Mode	RJ45 x 1 (100Mbps) Optional (ELPAP10)  IEEE 802.11b: 11 Mbps <sup>-3</sup> IEEE 802.11p: 54 Mbps <sup>-3</sup> IEEE 802.11n: 130 Mbps <sup>-3</sup>	0)	N/A	
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Wireless Specific Supported Speed Wireless LAN Secunteractive Speci	Wired LAN Wireless cations For Each Mode	RJ45 x 1 (100Mbps) Optional (ELPAP10)  IEEE 802.11b: 11 Mbps <sup>-3</sup> IEEE 802.11p: 54 Mbps <sup>-3</sup> IEEE 802.11n: 130 Mbps <sup>-3</sup>	0)	N/A	
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Wireless Specific Supported Speed Wireless LAN Secunteractive Speci Interactive Unit Technology Input Devices	Wired LAN Wireless cations For Each Mode  urity fication  Interactive Pen Fingers	RJ45 x 1 (100Mbps) Optional (ELPAP10)  IEEE 802.11b: 11 Mbps³ IEEE 802.11p: 54 Mbps³ IEEE 802.11n: 130 Mbps³ WPAWPA2-Personal (with optional ELPAP1  Infrared Digital Pen (Easy Interactive Pen 1,2) Finger (1-6 fingers)	O)	<u>N</u> /A	
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Wireless Specific Supported Speed Wireless LAN Secunteractive Speci Interactive Unit Technology Input Devices	Wired LAN Wireless cations For Each Mode  urity fication  Interactive Pen Fingers	RJ45 x 1 (100Mbps) Optional (ELPAP10)  IEEE 802.11b: 11 Mbps <sup>-3</sup> IEEE 802.11g: 54 Mbps <sup>-3</sup> IEEE 802.11n: 130 Mbps <sup>-3</sup> WPA-WPA2-Personal (with optional ELPAP1  Infrared Digital Pen (Easy Interactive Pen 1,2) Finger (1-6 fingers) USB, Network Pen: Auto / Manual (25points)	O)	N/A	
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Wireless Specific Supported Speed Wireless LAN Sect Interactive Specific Technology Input Devices Connection To C Calibration Functions Fouch Unit Maximum Dimer Weight Departing Temper	Wired LAN Wireless cations For Each Mode  urity fication  Interactive Pen Fingers computer  asion (D x W x H)  erature	RJ45 x 1 (100Mbps) Optional (ELPAP10)  IEEE 802.11b: 11 Mbps <sup>-3</sup> IEEE 802.11g: 54 Mbps <sup>-3</sup> IEEE 802.11n: 130 Mbps <sup>-3</sup> IEEE 802.11n: 130 Mbps <sup>-3</sup> WPAWPA2-Personal (with optional ELPAP1  Infrared Digital Pen (Easy Interactive Pen 1,2) Finger (1-6 fingers) USB, Network Pen: Auto / Manual (25points) Finger: Manual (16points) Hover, Right Click, Auto Adjust Pen Area	0)	N/A  Pen: Auto / Manual (25points	
Wireless Specific Supported Speed Wireless LAN Sect Interactive Specific Technology Input Devices Connection To C Calibration Functions Fouch Unit Maximum Dimer Weight Departing Temper	Wired LAN Wireless cations For Each Mode  urity fication  Interactive Pen Fingers computer  asion (D x W x H)  erature	RJ45 x 1 (100Mbps) Optional (ELPAP10)  IEEE 802.11b: 11 Mbps³ IEEE 802.11g: 54 Mbps³ IEEE 802.11n: 130 Mbps³ WPAWPA2-Personal (with optional ELPAP1  Infrared Digital Pen (Easy Interactive Pen 1,2) Finger (1-6 fingers) USB, Network Pen: Auto / Manual (25points) Finger: Manual (16points) Hover, Right Click, Auto Adjust Pen Area  51 x 210 x 95 mm  450g		N/A Pen: Auto / Manual (25points	
Wireless Specific Supported Speed Wireless LAN Sect Interactive Specific Technology Input Devices Connection To C Calibration Functions Fouch Unit Maximum Dimer Weight Departing Temper	Wired LAN Wireless cations For Each Mode  urity fication  Interactive Pen Fingers computer  asion (D x W x H)  erature	RJ45 x 1 (100Mbps) Optional (ELPAP10)  IEEE 802.11b: 11 Mbps <sup>-3</sup> IEEE 802.11g: 54 Mbps <sup>-3</sup> IEEE 802.11n: 130 Mbps <sup>-3</sup> IEEE 802.11n: 130 Mbps <sup>-3</sup> WPAWPA2-Personal (with optional ELPAP1  Infrared Digital Pen (Easy Interactive Pen 1,2) Finger (1-6 fingers) USB, Network Pen: Auto / Manual (25points) Finger: Manual (16points) Hover, Right Click, Auto Adjust Pen Area  51 x 210 x 95 mm  450g  5 - 40 °C < 41 - 104 °F> (0m / 0ft - 2,286m /	77,500ft)	N/A Pen: Auto / Manual (25points	
Wireless Specific Supported Speed  Wireless LAN Sect. Interactive Specific Interactive Unit Technology Input Devices  Connection To C Calibration  Functions Fouch Unit Maximum Dimer Weight Departing Temper	Wired LAN Wireless cations For Each Mode  urity fication  Interactive Pen Fingers computer  asion (D x W x H)  erature	RJ45 x 1 (100Mbps) Optional (ELPAP10)  IEEE 802.11b: 11 Mbps'3 IEEE 802.11g: 54 Mbps'3 IEEE 802.11n: 130 Mbps'3 IEEE 802.11n: 130 Mbps'3 WPAWPA2-Personal (with optional ELPAP1  Infrared Digital Pen (Easy Interactive Pen 1,2) Finger (1-6 fingers) USB, Network Pen: Auto / Manual (25points) Finger: Manual (16points) Hover, Right Click, Auto Adjust Pen Area  51 x 210 x 95 mm  450g  5 - 40 °C <41 - 104 °F> (0m / 0ft - 2,286m / 7,500° c) 5 - 35 °C <41 - 95 °F> (over 2,286m / 7,500° c)	77,500ft)	N/A Pen: Auto / Manual (25point:	
Wireless Specific Supported Speed Mireless LAN Secunteractive Specinteractive Unit Technology Input Devices  Connection To C Calibration  Functions Fouch Unit Maximum Dimer Weight  Departing Tempe Single Use (Below	Wired LAN Wireless cations For Each Mode  urity fication  Interactive Pen Fingers computer  assion (D x W x H)  prature 1,500m / 4,921ft)	RJ45 x 1 (100Mbps) Optional (ELPAP10)  IEEE 802.11b: 11 Mbps³ IEEE 802.11g: 54 Mbps³ IEEE 802.11n: 130 Mbps³ WPAWPA2-Personal (with optional ELPAP1  Infrared Digital Pen (Easy Interactive Pen 1,2) Finger (1-6 fingers) USB, Network Pen: Auto / Manual (25points) Finger: Manual (16points) Hover, Right Click, Auto Adjust Pen Area  51 x 210 x 95 mm  450g  5 - 40 °C <41 - 104 °F> (0m / 0ft - 2,286m / 7,500 (20% - 80% humidity, No Condensation)	/ 7,500ft)	N/A Pen: Auto / Manual (25point:	
Wireless Specific Supported Speed Mireless LAN Secunteractive Specinteractive Unit Technology Input Devices  Connection To C Calibration  Functions Fouch Unit Maximum Dimer Weight  Departing Tempe Single Use (Below	Wired LAN Wireless cations For Each Mode  urity fication  Interactive Pen Fingers computer  asion (D x W x H)  erature	RJ45 x 1 (100Mbps) Optional (ELPAP10)  IEEE 802.11b: 11 Mbps'3 IEEE 802.11g: 54 Mbps'3 IEEE 802.11n: 130 Mbps'3 IEEE 802.	(7,500ft) (tt)	N/A Pen: Auto / Manual (25point	
Wireless Specific Supported Speed Wireless LAN Secunteractive Specinteractive Unit Technology Input Devices  Connection To C Calibration  Functions Touch Unit Maximum Dimer Weight  Departing Tempe Single Use (Below	Wired LAN Wireless cations For Each Mode  urity fication  Interactive Pen Fingers computer  assion (D x W x H)  prature 1,500m / 4,921ft)	RJ45 x 1 (100Mbps) Optional (ELPAP10)  IEEE 802.11b: 11 Mbps <sup>-3</sup> IEEE 802.11g: 54 Mbps <sup>-3</sup> IEEE 802.11n: 130 Mbps <sup>-3</sup> IEEE 802.11n: 130 Mbps <sup>-3</sup> WPAWPA2-Personal (with optional ELPAP1  Infrared Digital Pen (Easy Interactive Pen 1,2) Finger (1-6 fingers) USB, Network Pen: Auto / Manual (25points) Finger: Manual (16points) Hover, Right Click, Auto Adjust Pen Area  51 x 210 x 95 mm  450g  5 - 40 °C <41 - 104 °F> (0m / 0ft - 2,286m / 7,500 (20% - 80% humidity, No Condensation) 5 - 35 °C <41 - 95 °F> (omr / 0ft - 2,286m / 7,500 (20% - 80% humidity, No Condensation) 5 - 35 °C <41 - 95 °F> (0m / 0ft - 2,286m / 7,500 (20% - 80% call - 95 °F) (omr / 0ft - 2,286m / 7,500 (20% - 80% call - 95 °F) (omr / 0ft - 2,286m / 7,500 (20% - 80% call - 95 °F) (omr / 0ft - 2,286m / 7,500 (20% - 80% call - 95 °F) (omr / 0ft - 2,286m / 7,500 (20% - 80% call - 95 °F) (owr 2,286m / 7,500 call - 80°F) (over 2,286m / 7,500 call - 80°F) (ov	(7,500ft) (tt)	N/A Pen: Auto / Manual (25point:	
Wireless Specific Supported Speed Wireless LAN Secunteractive Specinteractive Unit Technology Input Devices Connection To C Calibration Functions Touch Unit Maximum Dimer Weight Deparating Tempe Single Use (Below Multi-projection Us	Wired LAN Wireless cations For Each Mode  urity fication  Interactive Pen Fingers fromputer  asion (D x W x H)  erature 1,500m / 4,921ft)  the (Below 1,500m / 4,921ft)	RJ45 x 1 (100Mbps)  Optional (ELPAP10)  IEEE 802.11b: 11 Mbps³ IEEE 802.11g: 54 Mbps³ IEEE 802.11n: 130 Mbps³ IEEE 802.11n: 130 Mbps³ WPAWPA2-Personal (with optional ELPAP1  Infrared Digital Pen (Easy Interactive Pen 1,2) Finger (1-6 fingers) USB, Network Pen: Auto / Manual (25points) Finger: Manual (16points) Hover, Right Click, Auto Adjust Pen Area  51 x 210 x 95 mm  450g  5 - 40 °C <41 - 104 °F> (0m / 0ft - 2,286m / 7,500 (20% - 80% humidity, No Condensation) 5 - 35 °C <41 - 95 °F> (owr 2,286m / 7,500 (20% - 80% humidity, No Condensation) 5 - 30 °C <41 - 86 °F> (over 2,286m / 7,500 (20% - 80% humidity, No Condensation)	(7,500ft) (tt)	N/A Pen: Auto / Manual (25points	
Wireless Specific Supported Speed Wireless LAN Secunteractive Specinteractive Unit Technology Input Devices  Connection To C Calibration  Functions Touch Unit Maximum Dimer Weight  Operating Tempe Single Use (Below Multi-projection Us)	Wired LAN Wireless cartions For Each Mode  urity fication  Interactive Pen Fingers fromputer  asion (D x W x H)  erature 1,500m / 4,921ft)  the (Below 1,500m / 4,921ft)	RJ45 x 1 (100Mbps)  Optional (ELPAP10)  IEEE 802.11b: 11 Mbps³ IEEE 802.11g: 54 Mbps³ IEEE 802.11n: 130 Mbps³ IEEE 802.11n: 130 Mbps³ WPAWPA2-Personal (with optional ELPAP1  Infrared  Digital Pen (Easy Interactive Pen 1,2) Finger (1-6 fingers) USB, Network Pen: Auto / Manual (25points) Finger: Manual (16points) Hover, Right Click, Auto Adjust Pen Area  51 x 210 x 95 mm  450g  5 - 40 °C <41 - 104 °F> (0m / 0ft - 2,286m / 7,500 (20% - 80% humidity, No Condensation) 5 - 35 °C <41 - 95 °F> (0m / 0ft - 2,286m / 7,500 (20% - 80% humidity, No Condensation) 6 - 35 °C <41 - 86 °F> (over 2,286m / 7,500 (20% - 80% humidity, No Condensation) 0 - 3,000 m <0 - 9,843 ft>	(7,500ft) (tt)	N/A Pen: Auto / Manual (25points	
Wireless Specific Supported Speed Wireless LAN Secunteractive Specinteractive Unit Technology Input Devices  Connection To C Calibration  Functions Touch Unit Maximum Dimer Weight  Operating Tempe Single Use (Below Multi-projection Us)	Wired LAN Wireless cartions For Each Mode  urity fication  Interactive Pen Fingers fromputer  asion (D x W x H)  erature 1,500m / 4,921ft)  the (Below 1,500m / 4,921ft)	RJ45 x 1 (100Mbps)  Optional (ELPAP10)  IEEE 802.11b: 11 Mbps³ IEEE 802.11g: 54 Mbps³ IEEE 802.11n: 130 Mbps³ IEEE 802.11n: 130 Mbps³ WPAWPA2-Personal (with optional ELPAP1  Infrared Digital Pen (Easy Interactive Pen 1,2) Finger (1-6 fingers) USB, Network Pen: Auto / Manual (25points) Finger: Manual (16points) Hover, Right Click, Auto Adjust Pen Area  51 x 210 x 95 mm  450g  5 - 40 °C <41 - 104 °F> (0m / 0ft - 2,286m / 7,500 (20% - 80% humidity, No Condensation) 5 - 35 °C <41 - 95 °F> (owr 2,286m / 7,500 (20% - 80% humidity, No Condensation) 5 - 30 °C <41 - 86 °F> (over 2,286m / 7,500 (20% - 80% humidity, No Condensation)	(7,500ft) (tt)	N/A Pen: Auto / Manual (25points	
Vireless Specific Supported Speed  Vireless LAN Secuniteractive Specific Technology Input Devices  Connection To C Calibration  Functions ouch Unit Maximum Dimer Weight  Operating Tempe Single Use (Below Multi-projection Use)	Wired LAN Wireless cartions For Each Mode  urity fication  Interactive Pen Fingers fromputer  asion (D x W x H)  erature 1,500m / 4,921ft)  the (Below 1,500m / 4,921ft)	RJ45 x 1 (100Mbps) Optional (ELPAP10)  IEEE 802.11b: 11 Mbps <sup>-13</sup> IEEE 802.11g: 54 Mbps <sup>-13</sup> IEEE 802.11n: 130 Mbps <sup>-13</sup> IEEE 802.11n: 130 Mbps <sup>-13</sup> IEEE 802.11n: 130 Mbps <sup>-13</sup> IPEE 802.11n: 130 Mbps <sup>-13</sup> IPEE 802.11n: 130 Mbps <sup>-13</sup> WPAWPA2-Personal (with optional ELPAP1  Infrared Digital Pen (Easy Interactive Pen 1,2) Finger (1-6 fingers) USB, Network Pen: Auto / Manual (25points) Finger: Manual (16points) Hover, Right Click, Auto Adjust Pen Area 51 x 210 x 95 mm 450g  5 - 40 °C <41 - 104 °F> (0m / 0ft - 2,286m / 7,500 (20% - 80% humidity, No Condensation) 5 - 35 °C <41 - 95 °F> (over 2,286m / 7,500 (20% - 80% humidity, No Condensation) 5 - 30 °C <41 - 86 °F> (over 2,286m / 7,500 (20% - 80% humidity, No Condensation) 0 - 3,000 m <0 - 9,843 ft> Yes	77,500ft) htt) 7,500ft) ft)	N/A Pen: Auto / Manual (25points	
Vireless Specific Supported Speed Vireless LAN Secuniteractive Specinteractive Unit Technology Input Devices Connection To Coalibration Functions ouch Unit Maximum Dimer Weight Operating Tempe Single Use (Below Multi-projection Use) Operating Altitud Direct Power On Start-Up Period	Wired LAN Wireless cations For Each Mode  urity fication  Interactive Pen Fingers computer  asion (D x W x H)  perature 1,500m / 4,921ft)  the (Below 1,500m / 4,921ft)  the (Below 1,500m / 4,921ft)	RJ45 x 1 (100Mbps) Optional (ELPAP10)  IEEE 802.11b: 11 Mbps <sup>-3</sup> IEEE 802.11g: 54 Mbps <sup>-3</sup> IEEE 802.11n: 130 Mbps <sup>-3</sup> IEEE 802.11n: 130 Mbps <sup>-3</sup> WPAWPA2-Personal (with optional ELPAP1  Infrared Digital Pen (Easy Interactive Pen 1,2) Finger (1-6 fingers) USB, Network Pen: Auto / Manual (25points) Finger: Manual (16points) Hover, Right Click, Auto Adjust Pen Area  51 x 210 x 95 mm  450g  5 - 40 °C <41 - 104 °F> (0m / 0ft - 2,286m / 7,500 (20% - 80% humidity, No Condensation) 5 - 35 °C <41 - 95 °F> (owr 2,286m / 7,500 (20% - 80% humidity, No Condensation) 0 - 3,000 m <0 - 9,843 ft> Yes  About 8 seconds, Warm-up Period: 30 seconds	77,500ft) htt) 7,500ft) ft)	N/A Pen: Auto / Manual (25points	
Vireless Specific Supported Speed Supported Speed Vireless LAN Secuniteractive Specinteractive Unit Technology Input Devices  Connection To C Calibration  Functions Fouch Unit Maximum Dimer Weight Devarting Temporating Temporating Use (Below Multi-projection Use)  Operating Altitud Direct Power On Start-Up Period Cool Down Period	Wired LAN Wireless cations For Each Mode  urity ffication  Interactive Pen Fingers computer  asion (D x W x H)  perature 1,500m / 4,921ft)  te (Below 1,500m / 4,921ft)  te (Below 1,500m / 4,921ft)	RJ45 x 1 (100Mbps)  Optional (ELPAP10)  IEEE 802.11b: 11 Mbps'3 IEEE 802.11g: 54 Mbps'3 IEEE 802.11n: 130 Mbps'3 IEEE 802.11n: 130 Mbps'3 WPAWPA2-Personal (with optional ELPAP1  Infrared  Digital Pen (Easy Interactive Pen 1,2) Finger (1-6 fingers) USB, Network Pen: Auto / Manual (25points) Finger: Manual (16points) Hover, Right Click, Auto Adjust Pen Area  51 x 210 x 95 mm  450g  5 - 40 °C <41 - 104 °F> (0m / 0ft - 2,286m / 7,500 (20% - 80% humidity, No Condensation) 5 - 35 °C <41 - 95 °F> (ower 2,286m / 7,500 (20% - 80% humidity, No Condensation) 0 - 3,000 m <0 - 9,843 ft> Yes About 8 seconds, Warm-up Period: 30 secondstant Off	77,500ft) htt) 7,500ft) ft)	N/A Pen: Auto / Manual (25points	
Wireless Specific Supported Speed Wireless LAN Secuniteractive Specinteractive Unit Technology Input Devices Connection To C Calibration Functions Fouch Unit Maximum Dimer Weight Departing Tempe Single Use (Below Multi-projection Use Departing Altitud Direct Power On Start-Up Period Cool Down Period	Wired LAN Wireless cartions For Each Mode  urity fication  Interactive Pen Fingers bomputer  asion (D x W x H)  erature 1,500m / 4,921ft)  e (Below 1,500m / 4,921ft)  le / Off  Type	RJ45 x 1 (100Mbps)  Optional (ELPAP10)  IEEE 802.11b: 11 Mbps³ IEEE 802.11g: 54 Mbps³ IEEE 802.11n: 130 Mbps³ IEEE 802.11n: 130 Mbps³ WPAWPA2-Personal (with optional ELPAP1  Infrared  Digital Pen (Easy Interactive Pen 1,2) Finger (1-6 fingers) USB, Network Pen: Auto / Manual (25points) Finger: Manual (16points) Hover, Right Click, Auto Adjust Pen Area  51 x 210 x 95 mm  450g  5 - 40 °C <41 - 104 °F> (0m / 0ft - 2,286m / 7,500 (20% - 80% humidity, No Condensation) 5 - 35 °C <41 - 95 °F> (over 2,286m / 7,500 (20% - 80% humidity, No Condensation) 5 - 30 °C <41 - 86 °F> (over 2,286m / 7,500 (20% - 80% humidity, No Condensation) 0 - 3,000 m <0 - 9,843 ft> Yes  About 8 seconds, Warm-up Period: 30 secondstatic Filter	7,500ft) (7,500ft) (7,500ft) (ht)	Pen: Auto / Manual (25point:  N/A N/A	
Wireless Specific Supported Speed Wireless LAN Secuniteractive Specinteractive Unit Technology Input Devices Connection To C Calibration Functions Fouch Unit Maximum Dimer Weight Departing Tempe Single Use (Below Multi-projection Use Departing Altitud Direct Power On Start-Up Period Cool Down Period	Wired LAN Wireless cations For Each Mode  urity ffication  Interactive Pen Fingers computer  asion (D x W x H)  perature 1,500m / 4,921ft)  te (Below 1,500m / 4,921ft)  te (Below 1,500m / 4,921ft)	RJ45 x 1 (100Mbps)  Optional (ELPAP10)  IEEE 802.11b: 11 Mbps'3 IEEE 802.11g: 54 Mbps'3 IEEE 802.11n: 130 Mbps'3 IEEE 802.11n: 130 Mbps'3 WPAWPA2-Personal (with optional ELPAP1  Infrared  Digital Pen (Easy Interactive Pen 1,2) Finger (1-6 fingers) USB, Network Pen: Auto / Manual (25points) Finger: Manual (16points) Hover, Right Click, Auto Adjust Pen Area  51 x 210 x 95 mm  450g  5 - 40 °C <41 - 104 °F> (0m / 0ft - 2,286m / 7,500 (20% - 80% humidity, No Condensation) 5 - 35 °C <41 - 95 °F> (ower 2,286m / 7,500 (20% - 80% humidity, No Condensation) 0 - 3,000 m <0 - 9,843 ft> Yes About 8 seconds, Warm-up Period: 30 secondstant Off	77,500ft) (77,500ft) (75,00ft) (75,00ft) (75,00ft) (75,00ft) (75,00ft) (75,00ft) (75,00ft)	N/A   Pen: Auto / Manual (25point: N/A   N/A   N/A   N/A	
Wireless Specific Supported Speed Wireless LAN Secuniteractive Specinteractive Unit Technology Input Devices Connection To C Calibration Functions Fouch Unit Maximum Dimer Weight Departing Tempe Single Use (Below Multi-projection Use Departing Altitud Direct Power On Start-Up Period Cool Down Period	Wired LAN Wireless cartions For Each Mode  urity fication  Interactive Pen Fingers bomputer  asion (D x W x H)  erature 1,500m / 4,921ft)  e (Below 1,500m / 4,921ft)  le / Off  Type	RJ45 x 1 (100Mbps)  Optional (ELPAP10)  IEEE 802.11b: 11 Mbps³ IEEE 802.11g: 54 Mbps³ IEEE 802.11n: 130 Mbps³ IEEE 802.11n: 130 Mbps³ WPAWPA2-Personal (with optional ELPAP1  Infrared  Digital Pen (Easy Interactive Pen 1,2) Finger (1-6 fingers) USB, Network Pen: Auto / Manual (25points) Finger: Manual (16points) Hover, Right Click, Auto Adjust Pen Area  51 x 210 x 95 mm  450g  5 - 40 °C <41 - 104 °F> (0m / 0ft - 2,286m / 7,500 (20% - 80% humidity, No Condensation) 5 - 35 °C <41 - 95 °F> (over 2,286m / 7,500 (20% - 80% humidity, No Condensation) 5 - 30 °C <41 - 86 °F> (over 2,286m / 7,500 (20% - 80% humidity, No Condensation) 0 - 3,000 m <0 - 9,843 ft> Yes  About 8 seconds, Warm-up Period: 30 secondstatic Filter	7,500ft) (7,500ft) (7,500ft) (ht)	N/A   Pen: Auto / Manual (25points   N/A   N/A   N/A	
Wireless Specific Supported Speed Wireless LAN Secuniteractive Specinteractive Unit Technology Input Devices Connection To Calibration Functions F	Wired LAN Wireless cations For Each Mode  urity fication  Interactive Pen Fingers computer  description (D x W x H)  parature 1,500m / 4,921ft)  lee / Off  Type Maintenance Cycle <sup>14</sup>	RJ45 x 1 (100Mbps) Optional (ELPAP10)  IEEE 802.11b: 11 Mbps <sup>-3</sup> IEEE 802.11g: 54 Mbps <sup>-3</sup> IEEE 802.11n: 130 Mbps <sup>-3</sup> IEEE 802.11n: 130 Mbps <sup>-3</sup> IEEE 802.11n: 130 Mbps <sup>-3</sup> WPAWPA2-Personal (with optional ELPAP1  Infrared Digital Pen (Easy Interactive Pen 1,2) Finger (1-6 fingers) USB, Network Pen: Auto / Manual (25points) Finger: Manual (16points) Hover, Right Click, Auto Adjust Pen Area  51 x 210 x 95 mm  450g  5 - 40 °C <41 - 104 °F> (0m / 0ft - 2,286m / 7,500 (20% - 80% humidity, No Condensation) 5 - 35 °C <41 - 95 °F> (owr 2,286m / 7,500 (20% - 80% humidity, No Condensation) 0 - 3,000 m <0 - 9,843 ft> Yes  About 8 seconds, Warm-up Period: 30 seconstant Off Electrostatic Filter 10,000 hours	77,500ft) (77,500ft) (75,00ft) (75,00ft) (75,00ft) (75,00ft) (75,00ft) (75,00ft) (75,00ft)	N/A   Pen: Auto / Manual (25point: N/A   N/A   N/A   N/A	
Wireless Specific Supported Speed Wireless LAN Secuniteractive Specinteractive Unit Technology Input Devices Connection To C Calibration Functions Touch Unit Maximum Dimer Weight Derating Temps Single Use (Below Multi-projection Us Derating Altitud Direct Power On Start-Up Period Cool Down Period Tire Filter Power Supply Vo	Wired LAN Wireless cations For Each Mode  urity fication  Interactive Pen Fingers computer  asion (D x W x H)  erature 1,500m / 4,921ft)  le / Off  Type Maintenance Cycle <sup>14</sup>	RJ45 x 1 (100Mbps)  Optional (ELPAP10)  IEEE 802.11b: 11 Mbps³ IEEE 802.11g: 54 Mbps³ IEEE 802.11n: 130 Mbps³ IEEE 802.11n: 130 Mbps³ WPAWPA2-Personal (with optional ELPAP1  Infrared  Digital Pen (Easy Interactive Pen 1,2) Finger (1-6 fingers) USB, Network Pen: Auto / Manual (25points) Finger: Manual (16points) Hover, Right Click, Auto Adjust Pen Area  51 x 210 x 95 mm  450g  5 - 40 °C <41 - 104 °F> (0m / 0ft - 2,286m / 7,500 (20% - 80% humidity, No Condensation) 5 - 35 °C <41 - 95 °F> (over 2,286m / 7,500 (20% - 80% humidity, No Condensation) 5 - 30 °C <41 - 86 °F> (over 2,286m / 7,500 (20% - 80% humidity, No Condensation) 0 - 3,000 m <0 - 9,843 ft> Yes  About 8 seconds, Warm-up Period: 30 secondstatic Filter	77,500ft) (77,500ft) (75,00ft) (75,00ft) (75,00ft) (75,00ft) (75,00ft) (75,00ft) (75,00ft)	N/A   Pen: Auto / Manual (25point: N/A   N/A   N/A   N/A	
Wireless Specific Supported Speed Wireless LAN Secuniteractive Specinteractive Specinteractive Unit Technology Input Devices Connection To C Calibration Functions Functions Fouch Unit Maximum Dimer Weight Departing Tempe Single Use (Below Multi-projection Use Departing Altitud Direct Power On Start-Up Period Cool Down Period Air Filter Power Supply Vo Power Consump	Wired LAN Wireless cations For Each Mode  urity fication  Interactive Pen Fingers bomputer  asion (D x W x H)  erature 1,500m / 4,921ft)  le (Below 1,500m / 4,921ft)  le / Off  Type Maintenance Cycle <sup>4</sup> olitage tion (220 - 240V)	RJ45 x 1 (100Mbps) Optional (ELPAP10)  IEEE 802.11b: 11 Mbps'3 IEEE 802.11g: 54 Mbps'3 IEEE 802.11n: 130 Mbps'3 IEEE 802.11n: 130 Mbps'3 WPAWPA2-Personal (with optional ELPAP1  Infrared Digital Pen (Easy Interactive Pen 1,2) Finger (1-6 fingers) USB, Network Pen: Auto / Manual (25points) Finger: Manual (16points) Hover, Right Click, Auto Adjust Pen Area  51 x 210 x 95 mm  450g  5 - 40 °C <41 - 104 °F> (0m / 0ft - 2,286m / 7,500 (20% - 80% humidity, No Condensation) 5 - 35 °C <41 - 95 °F> (owr 2,286m / 7,500 (20% - 80% humidity, No Condensation) 0 - 3,000 m <0 - 9,843 ft> Yes About 8 seconds, Warm-up Period: 30 seconstant Off Electrostatic Filter 10,000 hours  100 - 240 V AC ±10%, 50/60 Hz	7,500ft) (7,500ft) (7,500ft) (ht) (10,000 hours (Power Consument)	N/A   Pen: Auto / Manual (25point: N/A   N/A   N/A   N/A	
Mireless Specific Supported Speed  Mireless LAN Secu- Interactive Speci- Interactive Unit Technology Input Devices  Connection To C Calibration  Functions Fouch Unit Maximum Dimer Weight  Departing Tempe Single Use (Below Multi-projection Us  Departing Altitud Direct Power On Start-Up Period Cool Down Period Air Filter  Power Supply Vo  Power Consump Lamp On (Normal)	Wired LAN Wireless cations For Each Mode  For Each Mode  Interactive Pen Fingers Computer  Computer  Insion (D x W x H)  Finder  Insion (D x W x H)  Finder  Insion (D x W x H)  Fingers Computer  Insion (D x W x H)  Fingers Computer  Insion (D x W x H)  Fingers Computer  Insion (D x W x H)  Finder  Insion (D x	RJ45 x 1 (100Mbps) Optional (ELPAP10)  IEEE 802.11b: 11 Mbps'3 IEEE 802.11g: 54 Mbps'3 IEEE 802.11n: 130 Mbps'3 IEEE 802.	77,500ft) (77,500ft) (75,00ft) (75,0	N/A   Pen: Auto / Manual (25point: N/A   N/A   N/A   N/A	
Mireless Specific Supported Speed  Mireless LAN Sect. Interactive Specinteractive Unit Technology Input Devices  Connection To C Calibration  Functions Fouch Unit Maximum Dimer Weight Departing Tempe Single Use (Below Multi-projection Us  Departing Altitud Direct Power On Start-Up Period Cool Down Period Air Filter  Power Supply Vo Power Consump Lamp On (Normal)	Wired LAN Wireless cations For Each Mode  For Each Mode  Interactive Pen Fingers Computer  Computer  Insion (D x W x H)  Finder  Insion (D x W x H)  Finder  Insion (D x W x H)  Fingers Computer  Insion (D x W x H)  Fingers Computer  Insion (D x W x H)  Fingers Computer  Insion (D x W x H)  Finder  Insion (D x	RJ45 x 1 (100Mbps) Optional (ELPAP10)  IEEE 802.11b: 11 Mbps'3 IEEE 802.11g: 54 Mbps'3 IEEE 802.11n: 130 Mbps'3 IEEE 802.11n: 130 Mbps'3 WPAWPA2-Personal (with optional ELPAP1  Infrared Digital Pen (Easy Interactive Pen 1,2) Finger (1-6 fingers) USB, Network Pen: Auto / Manual (25points) Finger: Manual (16points) Hover, Right Click, Auto Adjust Pen Area  51 x 210 x 95 mm  450g  5 - 40 °C <41 - 104 °F> (0m / 0ft - 2,286m / 7,500 (20% - 80% humidity, No Condensation) 5 - 35 °C <41 - 95 °F> (owr 2,286m / 7,500 (20% - 80% humidity, No Condensation) 0 - 3,000 m <0 - 9,843 ft> Yes About 8 seconds, Warm-up Period: 30 seconstant Off Electrostatic Filter 10,000 hours  100 - 240 V AC ±10%, 50/60 Hz	7,500ft) (7,500ft) (7,500ft) (ht) (10,000 hours (Power Consument)	N/A   Pen: Auto / Manual (25points   N/A   N/A   N/A	
Wireless Specific Supported Speed  Wireless LAN Secu nteractive Speci nteractive Unit Technology Input Devices  Connection To C Calibration  Functions Fouch Unit Maximum Dimer Weight Derarting Tempe Single Use (Below  Multi-projection Us  Derating Altitud Direct Power On Start-Up Period Cool Down Period Air Filter  Power Supply Vo Power Consump Lamp On (Normal. Standby (Network	Wired LAN Wireless cations For Each Mode  urity fication  Interactive Pen Fingers computer  description (D x W x H)  prature 1,500m / 4,921ft)  lee (Below 1,500m / 4,921ft)  lee / Off  dd  Type Maintenance Cycle <sup>-4</sup> litage tion (220 - 240V) / Eco) On / Off)	RJ45 x 1 (100Mbps) Optional (ELPAP10)  IEEE 802.11b: 11 Mbps <sup>-3</sup> IEEE 802.11g: 54 Mbps <sup>-3</sup> IEEE 802.11n: 130 Mbps <sup>-3</sup> IEEE 802.11n: 130 Mbps <sup>-3</sup> IEEE 802.11n: 130 Mbps <sup>-3</sup> WPAWPA2-Personal (with optional ELPAP1  Infrared Digital Pen (Easy Interactive Pen 1,2) Finger (1-6 fingers) USB, Network Pen: Auto / Manual (25points) Finger: Manual (16points) Hover, Right Click, Auto Adjust Pen Area  51 x 210 x 95 mm  450g  5 - 40 °C <41 - 104 °F> (0m / 0ft - 2,286m / 7,500 (20% - 80% humidity, No Condensation) 5 - 35 °C <41 - 95 °F> (over 2,286m / 7,500 (20% - 80% humidity, No Condensation) 0 - 3,000 m <0 - 9,843 ft> Yes  About 8 seconds, Warm-up Period: 30 seconstant Off Electrostatic Filter 10,000 hours  100 - 240 V AC ±10%, 50/60 Hz  401W / 334W 3.0W / 0.32W	77,500ft) (77,500ft) (75,00ft) (75,00ft) (75,000 hours (Power Consumption of the consumpt	N/A   Pen: Auto / Manual (25points   N/A   N/A   N/A	
Wireless Specific Supported Speed  Mireless LAN Sect Interactive Speci Interactive Unit Technology Input Devices  Connection To C Calibration  Functions Touch Unit Maximum Dimer Weight  Derating Tempe Single Use (Below  Multi-projection Us  Direct Power On Start-Up Period Cool Down Perio Air Filter  Power Supply Vo Power Consump amp On (Normal Standby (Network Dimension Exclu	Wired LAN Wireless cations For Each Mode  For Each Mode  Interactive Pen Fingers Computer  Computer  Insion (D x W x H)  Finder  Insion (D x W x H)  Finder  Insion (D x W x H)  Fingers Computer  Insion (D x W x H)  Fingers Computer  Insion (D x W x H)  Fingers Computer  Insion (D x W x H)  Finder  Insion (D x	RJ45 x 1 (100Mbps) Optional (ELPAP10)  IEEE 802.11b: 11 Mbps'3 IEEE 802.11g: 54 Mbps'3 IEEE 802.11n: 130 Mbps'3 IEEE 802.11n: 130 Mbps'3 WPAWPA2-Personal (with optional ELPAP1  Infrared Digital Pen (Easy Interactive Pen 1,2) Finger (1-6 fingers) USB, Network Pen: Auto / Manual (25points) Finger: Manual (16points) Hover, Right Click, Auto Adjust Pen Area  51 x 210 x 95 mm  450g  5 - 40 °C <41 - 104 °F> (0m / 0ft - 2,286m / 7,500 (20% - 80% humidity, No Condensation) 5 - 35 °C <41 - 95 °F> (ower 2,286m / 7,500 (20% - 80% humidity, No Condensation) 0 - 3,000 m <0 - 9,843 ft> Yes  About 8 seconds, Warm-up Period: 30 seconstant Off Electrostatic Filter 10,000 hours  100 - 240 V AC ±10%, 50/60 Hz  401W / 334W 3.0W / 0.32W 447 x 474 x 130 mm	77,500ft) (77,500ft) (75,00ft) (75,000ft) (7	N/A   Pen: Auto / Manual (25points   N/A   N/A   N/A	
Wireless Specific Supported Speed Wireless LAN Sect Interactive Speci Interactive Unit Technology Input Devices Connection To C Calibration Functions Touch Unit Maximum Dimer Weight Operating Tempe Single Use (Below Multi-projection Us  Operating Altitud Direct Power On Start-Up Period Cool Down Perio Air Filter  Power Supply Vo Power Consump Lamp On (Normal Standby (Network	Wired LAN Wireless cations For Each Mode  urity fication  Interactive Pen Fingers Fomputer  Insion (D x W x H)  erature 1,500m / 4,921ft)  le / Off  Type Maintenance Cycle <sup>14</sup> oltage tion (220 - 240V) / Eco) On / Off) ding Feet (D x W x H)	RJ45 x 1 (100Mbps) Optional (ELPAP10)  IEEE 802.11b: 11 Mbps <sup>-3</sup> IEEE 802.11g: 54 Mbps <sup>-3</sup> IEEE 802.11n: 130 Mbps <sup>-3</sup> IEEE 802.11n: 130 Mbps <sup>-3</sup> IEEE 802.11n: 130 Mbps <sup>-3</sup> WPAWPA2-Personal (with optional ELPAP1  Infrared Digital Pen (Easy Interactive Pen 1,2) Finger (1-6 fingers) USB, Network Pen: Auto / Manual (25points) Finger: Manual (16points) Hover, Right Click, Auto Adjust Pen Area  51 x 210 x 95 mm  450g  5 - 40 °C <41 - 104 °F> (0m / 0ft - 2,286m / 7,500 (20% - 80% humidity, No Condensation) 5 - 35 °C <41 - 95 °F> (over 2,286m / 7,500 (20% - 80% humidity, No Condensation) 0 - 3,000 m <0 - 9,843 ft> Yes  About 8 seconds, Warm-up Period: 30 seconstant Off Electrostatic Filter 10,000 hours  100 - 240 V AC ±10%, 50/60 Hz  401W / 334W 3.0W / 0.32W	77,500ft) (77,500ft) (75,00ft) (75,00ft) (75,000 hours (Power Consumption of the consumpt	N/A   Pen: Auto / Manual (25points   N/A   N/A   N/A	

- 1 Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time.
- <sup>2</sup> Colour brightness (colour light output) and white brightness (white light output) will vary depending on usage conditions. Colour light output measured in accordance with IDMS 15:4; white light output measured in accordance with ISO 21118.
- Maximum speed and range is achievable when used with same enhanced mode technology. Actual data rates, features and performance may vary depending on your computer system, the environment and other factors.
- When used in the general office environment (the amount of floating dust: 0.04 0.2 mg/m³). Based on the Epson's in-house test results.

#### Supplied Accessories

Power Cable: 4.5m USB Cable: 5m

Remote Control with Battery Attached Interactive Pens: 2 Pens with AA Battery

Pen Tray

Setting Plate Light Curtain Unit (EB-696Ui / EB-695Wi)

Light Curtain Unit Bracket Pen Tip (Soft): 4

Pen Tip (Hard): 2

Pen Tip Holder Password Protect Sticker

Optional Accessories Spare Lamp: ELPLP92 (EB-696Ui) ELPLP91 (EB-695Wi / EB-685Wi) Air Filter: ELPAF45 (EB-696Ui)

ELPAF49 (EB-695Wi / EB-685Wi)

Wireless LAN Unit: ELPAP10

Remote Control Cable Set: ELPKC28 (10m x 2) (for synchronization of Interactive IR)

Setting Plate: ELPMB46 (EB-696U)
ELPMB46 / ELPMB43 / ELPMB28
(EB-695Wi / EB-685Wi)
Table Mount Bracket: ELPMB29

Easy Interactive Pen 1 (Orange): ELPPN05A Easy Interactive Pen 2 (Blue): ELPPN05B
Replacement Hard Pen Tips: ELPPS03 for
ELPPN05 (Hard)

Replacement Soft Pen Tips: ELPPS04 for ELPPN05 (Soft)

EB-696Ui



EB-695Wi



FR-685Wi



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#### **SPECIFICATIONS**

#### EB-685W/680



MODEL NUMBER		EB-685W	EB-680	
Projection Technology		RGB liquid crystal shutter projection system (3LCD)		
Specifications of	Main Parts			
LCD	Size	0.59" (D9 C2fine)	0.55" (D9 C2fine)	
	Native Resolution	WXGA	XGA	
Projection Lens	Type	No Optical Zoom / Focus (Manual)	!	
•	F-Number	1.60		
	Focal Length	3.7mm		
	Zoom Ratio	1.0 - 1.35 (Digital Zoom)		
	Throw Ratio	0.28 - 0.37 (Wide - Tele)	0.32 - 0.43 (Wide - Tele)	
			0.32 - 0.43 (Wide - Tele)	
_amp	Туре	250W UHE		
		1 5,000 hours / 10,000 hours / 9,000 hours		
Screen Size (Proj	ected Distance)	60" - 100" [35.4 - 60.1 cm] 74.3" screen 44.3cm	55.4" - 92.7" [35.4 - 60.1 cm] 68.9" screen 44.3cm	
Driahtnasa*2		74.3 SCIEBIT 44.3CITI	00.9 SCIEBIT 44.3CITI	
Brightness*2	21 1/5	0.5001 (0.0001		
White Light Output (Normal / Eco)		3,500lm / 2,900lm		
Colour Light Output		3,500lm		
Contrast Ratio		14,000:1		
nternal Speaker	(s)			
Sound Output		16W Mono		
Keystone Correc	tion			
Vertical / Horizonta	l (Zoom : Tele)	±3°/±3°		
Quick Corner		Yes		
Connectivity				
Analog Input D-Sub 15Pin		2 (Blue)		
a lalog ii ipat	Composite	RCA x 1 (Yellow)		
Digital Innut	HDMI			
Digital Input		3 (HDMI1 in common with MHL)		
Output Terminal	D-Sub 15Pin	1 (Black) In common with Computer2		
Audio Input	Stereo Mini Jack	3		
Audio Output	Stereo Mini Jack	1		
Others	USB Type A	1 (for USB Memory, USB Document Camera, Firmware Update, Copy OSD Settings)		
	USB Type B	1 (for USB Display, Mouse, K/B, Control, Firmware Update, Copy OSD Settings)		
	Microphone Input	1		
Control I/O	RS-232C	D-Sub 9pin x 1		
Network	Wired LAN	RJ45 x 1 (100Mbps)		
	Wireless	Optional (ELPAP10)		
Wireless Specific	ations			
-		IEEE 802.11b: 11 Mbps <sup>-3</sup>		
Supported Speed For Each Mode		IEEE 802.110; 54 Mbps <sup>-3</sup> IEEE 802.111; 130 Mbps <sup>-3</sup>		
Wireless LAN Security		WPA/WPA2-Personal (with optional ELPAP10)		
Operating Tempe	erature			
Single Use (Below 1,500m / 4,921ft)		5 - 40 °C <41 - 104 °F> (0m / 0ft - 2,286m / 7,500ft) 5 - 35 °C <41 - 95 °F> (over 2,286m / 7,500ft) (20% - 80% humidity, No Condensation)		
Multi-projection Use (Below 1,500m / 4,921ft)		5 - 35 °C <41 - 95 °F> (0m / 0ft - 2,286m / 7,500ft) 5 - 30 °C <41 - 86 °F> (over 2,286m / 7,500ft) (20% - 80% humidity, No Condensation)		
Operating Altitude		0 - 3,000 m <0 - 9,843 ft>		
Direct Power On / Off		Yes		
Start-Up Period		About 8 seconds, Warm-up Period: 30 seconds		
Cool Down Period		Instant Off		
Air Filter Type		Electrostatic Filter		
	Maintenance Cycle <sup>*4</sup>	5,000 hours (Power Consumption: Normal)		
iviali itelialice Cycle		10,000 hours (Power Consumption: Roma)		
Power Supply Vo	Itage	100 - 240 V AC ±10%, 50/60 Hz		
Power Consump				
-		35/W//300W		
Lamp On (Normal / Eco)		354W / 309W		
Standby (Network On / Off)		2.3W / 0.37W		
Dimension Excluding Feet (D X W X H)		400 x 367 x 149 mm		
Weight		Approx. 5.7kg		
9				

**Supplied Accessories** 

Power Cable: 4.5m Remote Control with Battery Attached Setting Plate

Password Protect Sticker

#### **Optional Accessories**

Spare Lamp: ELPLP91
Air Filter: ELPAF49
Wireless LAN Unit: ELPAP10
Setting Plate: ELPMB46 / ELPMB43 / ELPMB28
Table Mount Bracket: ELPMB29

EB-685W / EB-680



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Information correct as at January 2017

<sup>1</sup> Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time.

<sup>&</sup>lt;sup>2</sup> Colour brightness (colour light output) and white brightness (white light output) will vary depending on usage conditions. Colour light output measured in accordance with IDMS 15:4; white light output measured in accordance with ISO 21118.

<sup>&</sup>lt;sup>3</sup> Maximum speed and range is achievable when used with same enhanced mode technology. Actual data rates, features and performance may vary depending on your computer system, the environment and other factors.

When used in the general office environment (the amount of floating dust: 0.04 - 0.2 mg/m³). Based on the Epson's in-house test results.

## PROTECT YOUR PROJECTOR. USE GENUINE LAMPS.



Don't compromise on safety – use Epson genuine lamps to avoid damaging your projector. Eliminate the risk of melting parts of your projector, as well as breaks that result in high-voltage shutdown. With a 0% failure rate even after 2,000 hours of usage – compared to 70% in non-genuine lamps – Epson genuine lamps are safer and more reliable. Choose the best possible viewing experience filled with long-lasting sharpness and colour in every projected image with Epson.





#### **GENUINE EPSON LABEL**

To ensure the best quality and safety when using your Epson Projector, look for the "Genuine EPSON Colour Shifting Label" on your projector lamp. Real quality and value, only with Epson genuine supplies.

#### **DANGERS OF NON-GENUINE LAMPS**



#### **UNRELIABLE**

Counterfeit lamps deteriorate and break much faster than genuine ones.



#### UNSAFE

Parts of your Epson projector such as the housing or wires may melt, disconnect, or become damaged when using non-genuine lamps.



#### **POOR IMAGE QUALITY**

Counterfeit lamps may result in inaccurate colour projection, lower brightness levels, as well as flickering images that spoil your viewing experience.