

INTERACTIVE PROJECTORS
EB-536Wi/685Wi/695Wi/696Ui
EB-1450Ui/1460Ui/1470Ui

EPSON
 EXCEED YOUR VISION

MASTERS OF INNOVATION.



As a master of innovation, Epson delivers interactive projectors that reinvent what's possible. Project images in beyond Full HD* resolution as you reach out and interact with a large vivid panoramic** projection. Epson interactive projectors also give you the flexibility of remotely projecting* and controlling interactive presentations while you are away from your PC. Experience the innovations of tomorrow, today.



Experience Finger-touch Interactivity with Epson.

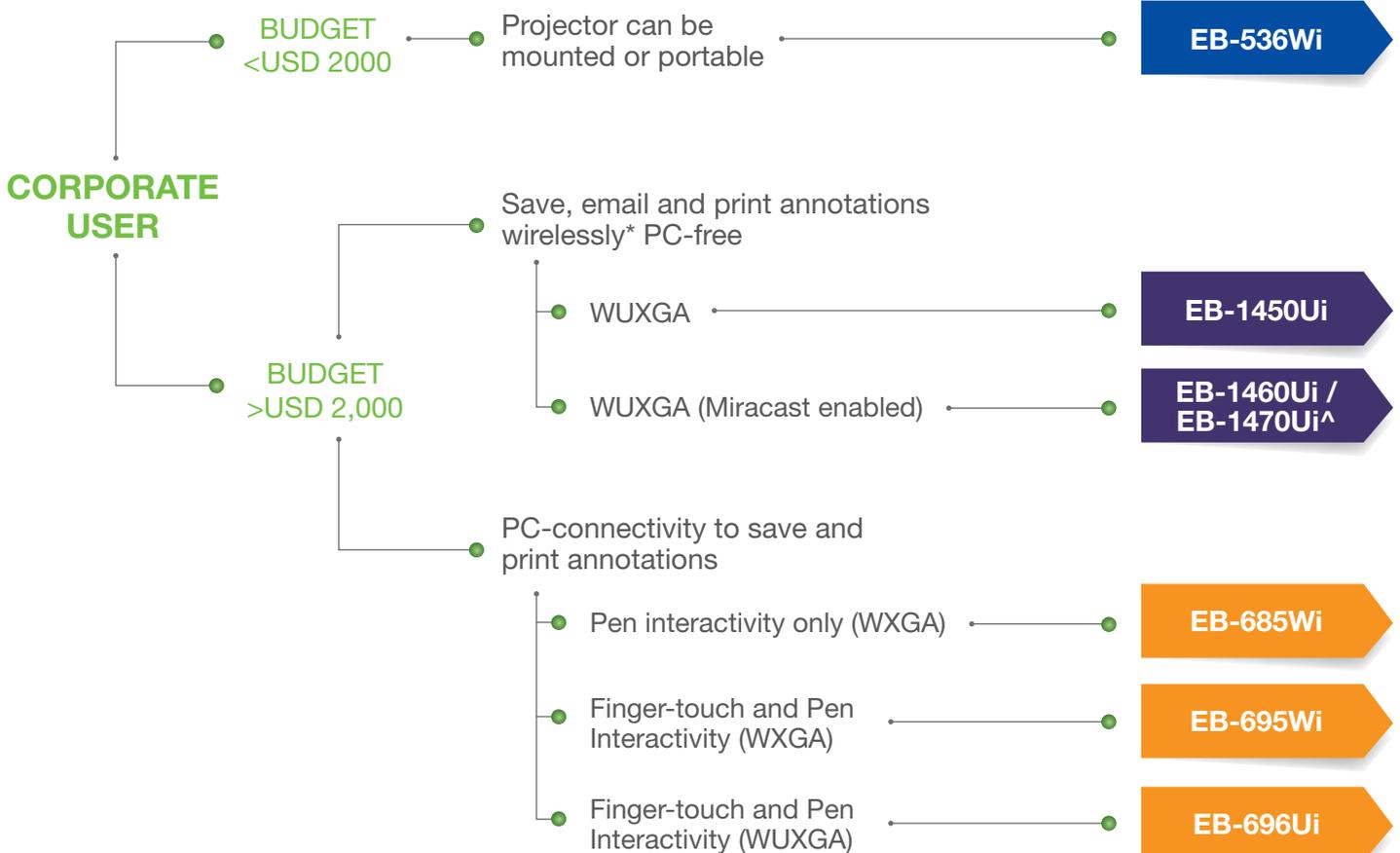
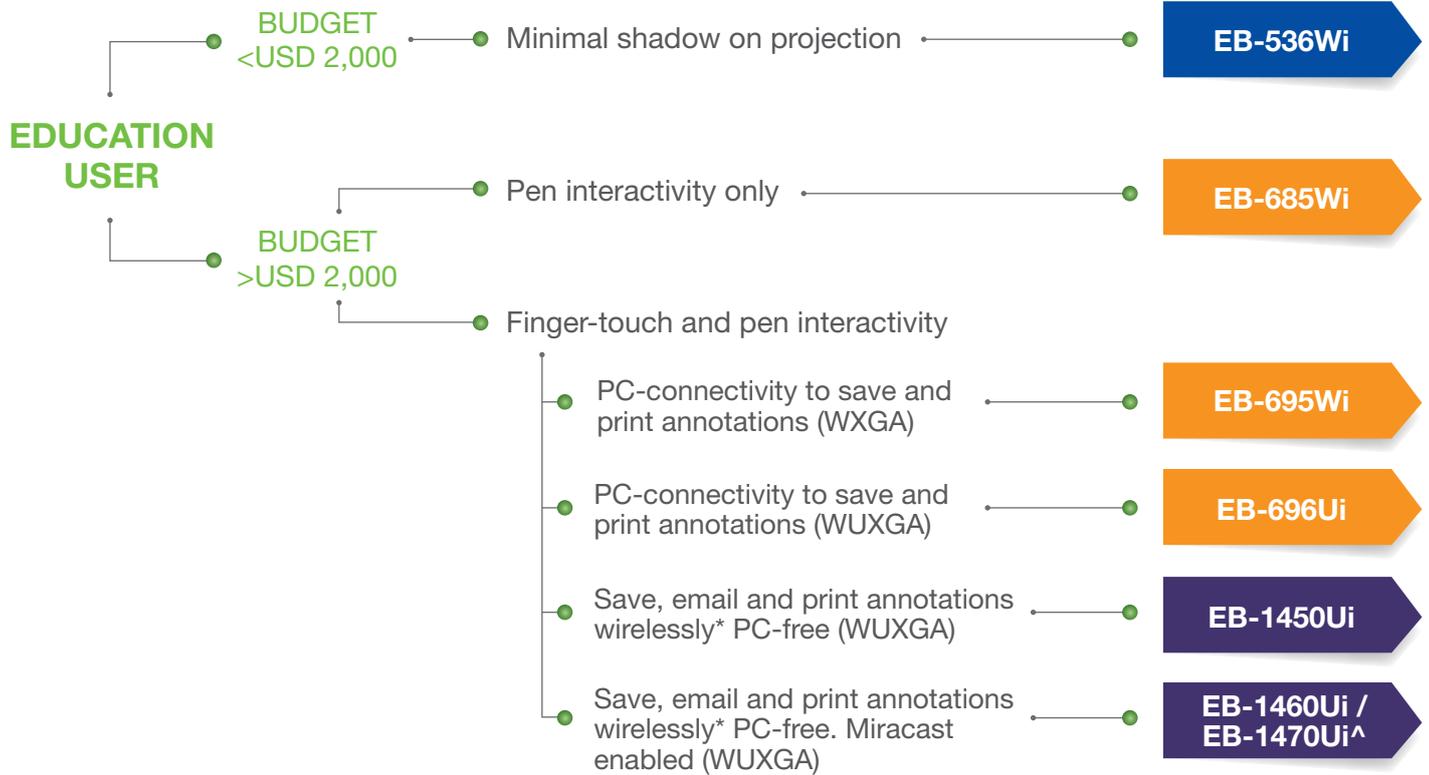


IT'S IN THE DETAILS.

3LCD technology that delivers quality projected images and reliable performance.

* For EB-1470Ui/1460Ui/1450Ui/696Ui only.
 ** The function of creating a seamless interactive panoramic screen made by two projectors is applicable to all models except EB-536Wi.
 ^ Available on EB-1470Ui/1460Ui/1450Ui only.

Choose an Epson interactive projector that's right for you



* With compatible Epson printers.

[^] Laser Light Source projector with 20,000 hours maintenance-free performance.

CATEGORY	BASIC	ADVANCED			EXPERT		
Model	EB-536Wi	EB-685Wi	EB-695Wi	EB-696Ui	EB-1450Ui	EB-1460Ui	EB-1470Ui
Product Image							
Key Benefits	<ul style="list-style-type: none"> Minimal shadow interference Easy set-up with horizontal keystone slider 10,000 hours lamp life in Eco mode 	<ul style="list-style-type: none"> No or minimal shadow interference Print with compatible Epson network printers Optional wireless connectivity 10,000 hours lamp life in Eco mode 			<ul style="list-style-type: none"> 10,000 hours lamp life in Eco mode 		<ul style="list-style-type: none"> 20,000 Hours Maintenance-Free Laser Light Source Fully-sealed Optical Engine for improved dust-proofing
Throw Distance	Short Throw (Throw Ratio: 0.48 - 0.65)	Ultra short-throw (Throw Ratio: 0.28 - 0.37)		Ultra short-throw (Throw Ratio: 0.27 - 0.37)			
Resolution	WXGA (HD-Ready)			WUXGA (Beyond Full HD)			
Brightness (White and Colour)	3,400lm	3,500lm		3,800lm		4,400lm	4,000lm
Light Source	Lamp						Laser Light Source
Interactivity							
Dual Pen	●*	●	●	●	●	●	●
Finger-touch			●	●	●	●	●
PC-free Annotation	●	●	●	●	●	●	●
Wireless PC Interactive		●**	●**	●**	●	●	●
Multi-location Interactivity					●	●	●
Seamless Dual Screen Interactivity		●	●	●	●	●	●
Microsoft Office Ink Support	●	●	●	●	●	●	●
Projector Control Menu	●	●	●	●	●	●	●
PC-Free Whiteboard Mode							
Scan, Print, Email, Save		Print and Save only			●	●	●
Whiteboard Sharing					●	●	●
Connectivity							
Network Projection	●	●	●	●	●	●	●
iProjection	●**	●**	●**	●**	●	●	●
Multi-PC Projection	●	●	●	●	●	●	●
Split Screen		●	●	●	●	●	●
DVI Video Output					●	●	●
Miracast						●	●
Remote Desktop					●	●	●
MHL		●	●	●	●	●	●
Environmentally-friendly							
Lamp Optimiser based on image content brightness	●	●	●	●	●	●	●
Auto Brightness based on environment lightning		●	●	●	●	●	●
10,000 Hours Lamp Life in Eco mode	●	●	●	●	●	●	●

* Only 1 pen is supplied. Second pen is sold separately.

** Requires optional Wireless LAN dongle sold separately.

SEE VIBRANT, REALISTIC COLOURS WITH HIGH COLOUR BRIGHTNESS.

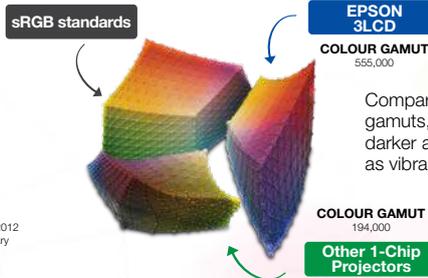


See colours like never before. Epson 3LCD projectors deliver brilliant colours that match its white brightness to give you balanced, realistic, and vibrant images. It's no wonder Epson projectors are the people's preferred choice.



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.

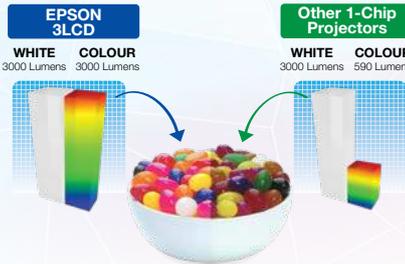


Comparing the yellow corners among the three gamuts, 1-chip projectors have a distinctly darker and smaller set of colours which are not as vibrant as Epson 3LCD projectors.

*Compared against similarly-priced leading 1-chip DLP® business and education projectors based on NPD data from July 2011 through June 2012 (available from www.npd.com). Colour brightness (colour light output) measured in accordance with IESNA 15.4. Actual colour brightness will vary depending on actual usage conditions. 3LCD® is a registered trademark of Seiko Epson Corporation. DLP® is a registered trademark of Texas Instruments, Inc. and its use here does not imply any affiliation with or endorsement by them.

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

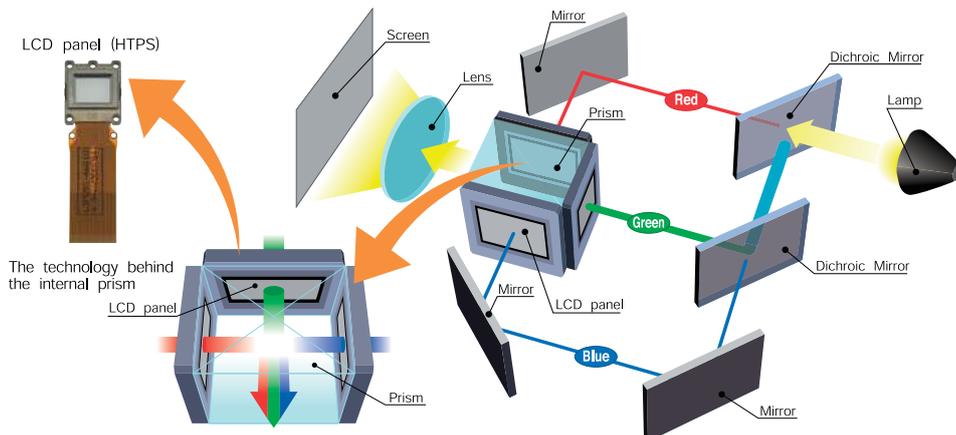
EPSON 3LCD TECHNOLOGY – FOR BRIGHT, FAITHFUL COLOURS

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.

• An independent test by projector review media ProjectorCentral.com in 2009 of about 800 projectors found that on average, 3LCD projectors use 25% less power than single-chip projectors.



BIGGER PROJECTION. BRIGHTER FUTURE.

“More than half of the students are unable to read certain contents displayed on a 70" flat panel display.”

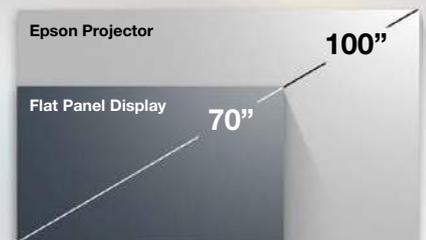
- Radius Research.



Flat Panel Display

Epson Projector

58% of students from US, 61% from UK, and 57% from Singapore are unable to read contents 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.



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

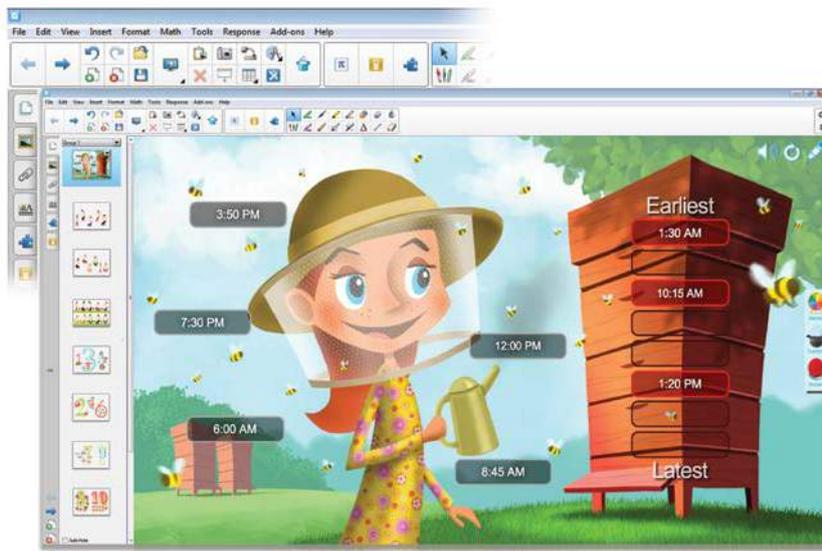
*Based on research conducted by Radius Research in US, UK and Singapore. The research was done using a 70-inch class 4k resolution flat panel in a 22' x 27' / 22' x 26' / 22' x 30' classroom-style arrangement respectively. When asked to copy down six short items of information from slides displayed, 58% of students from US, 61% from UK, and 57% from Singapore, aged 12-22, copied at least one item incorrectly.



SMART Notebook[®]

collaborative learning software

A SMART Notebook[®] software license is included with every Epson education interactive projector*. Fully compatible with interactive pens and the six-point multi-touch^ function of Epson interactive projectors, the SMART Notebook[®] allows educators to easily create and deliver dynamic interactive learning experiences with rich multimedia contents.



* Only applicable for EB-536Wi/685Wi/695Wi/696Ui.

^ Only EB-696Ui/695Wi support finger-touch.

Features & Benefits

Innovative Math Functionality

Math functionality powered by GeoGebra for all grade levels, including easy equation editing and 55,000+ math content objects and activities for geometry, algebra, calculus and statistics.



Lesson Activity Builder

Use customisable activity templates to quickly build game-based activities that amaze and engage students.



SMART Exchange Website

Access and download more than 60,000 ready-to-use teaching resources including images, videos and 3D models, etc.

One-year Subscription for 4 PCs Included

Every license allows up to 4 PCs to activate and use the software. One-year SMART Notebook Advantage subscription is included to give you access to software updates, SMART technical support and lets you unlock premium features.

With a host of intuitive tools and features to choose from, creating engaging lessons is as easy as 1-2-3.

- Interactive Concept Maps
- Handwriting and shape recognition
- SMART Notebook Recorder
- Language support for English, Chinese, Bahasa Melayu, etc.
- SMART Notebook Maestro (iPad app sold separately)

Intelligent Interactive Experience

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.



* For EB-536Wi, only 1 pen is supplied. Second pen is sold separately.

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.



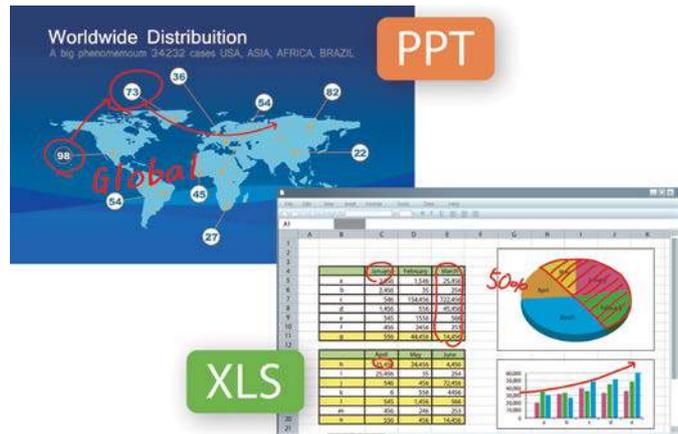
PC-free Interactive

With this original PC-free interactive feature by Epson, you can write and draw on the projector's built-in digital whiteboard or any image projected from other non-PC sources such as document camera, blu-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.



Microsoft Office Ink Support

When connected to a PC (Windows Vista or later) projecting Microsoft Office documents, you can draw and write on Microsoft PowerPoint, Excel or Word documents using Microsoft Office Ink. The drawings can be saved into the documents in Microsoft Office file formats for future review or editing.



On-screen Projector Operation

With on-screen projector operation, you'll be able to easily operate your projector even if the remote control is not close at hand. Perform basic projector operation functions such as power ON, source change, volume and mute simply by clicking the icons shown on the screen.



Superior Image Quality

No Reflection Glare On Projection

As compared to flat panel displays, the projection screen is not glossy and does not cause glaring reflections of ambient light like florescent lamps and sunlight from windows. The audience will not be distracted by such reflections and all information projected can be clearly seen at all times.



Larger Images

With a projection screen size of up to 100 inches*, you enjoy bigger image projection for greater visibility.



* All models except for EB-536Wi which is up to 116" diagonal

Wide Range of Connectivity

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.



** EB-536Wi/685Wi/695Wi/696Ui require optional Wireless LAN dongle sold separately.
[^] iOS - PDF, Keynote, Word, Excel and PowerPoint. / Android - PDF only.

Multi PC Projection

Project from your laptop wirelessly using Epson iProjection for PC v.2.20. 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.

[^] Applicable to all models except for EB-536Wi.



EasyMP Network Projection

The EasyMP Network Projection enables users to project video and images via wired and wireless connections with high-quality audio output.

Epson Projector Management

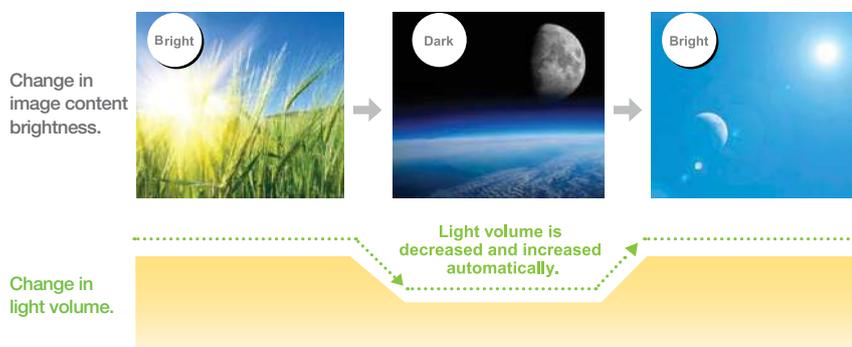
The Epson Projector Management lets you efficiently monitor and configure multiple networked projectors from a single PC. You also have the ability to broadcast messages to all projectors for announcements or emergencies.



Eco-friendly and Cost-efficient

Light Optimiser

Save energy consumption and do your part for the environment with the eco-friendly Light Optimiser function. This feature automatically adjusts projection brightness according to image content brightness, giving you power and cost savings. This function can be turned on/off according to your preference.



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.

* Applicable for all models except EB-1470Ui.

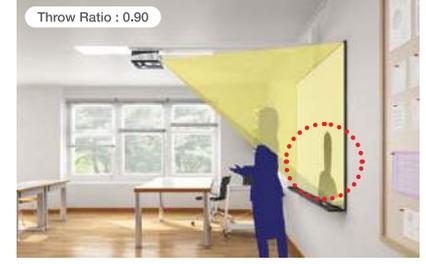
Superb Short-throw Performance

Impressive Screen Size at Close Range

Deliver uninterrupted presentations every time with EB-536Wi. This projector boasts a throw ratio as low as 0.48, allowing you to project an 80-inch large screen from just 83cm away.



Epson's short-throw projector



Other projector

Enhanced Interactivity Features

Extend your Interactive Reach

Get more out of your Interactive Pen with the Interactive Pen Extension*. With a longer pen, your interactive experience is enhanced as shadow interference is minimised even when the projector is placed on the table.



* Optional accessory.

Ease of Set-up

Projector set-up is simply plug-and-play, with a one-time Auto Calibration and Auto Resolution Adjustment. No driver installation is required except for Mac OS users.



Calibration with interactive pen during setup can be skipped with the new auto calibration feature



Users can advance straight to use the interactive feature with a click of the button

Flexible Positioning

Effective Use of Space

Epson EB-536Wi gives you greater possibilities for all kinds of creative applications, even in areas with limited space. The projector can be mounted on a wall or set on a desktop and is effective on any surface, be it a flat wall or a whiteboard.

This means you can maximise the use of limited classroom or office space by turning any existing board into a projection surface.

Despite the limited space, bright and large projections are still easily achievable.



Projection on a whiteboard



Paper pinned onto the whiteboard when the projector is switched off



Projection in meeting rooms with space constraint



Ease-of-Projection

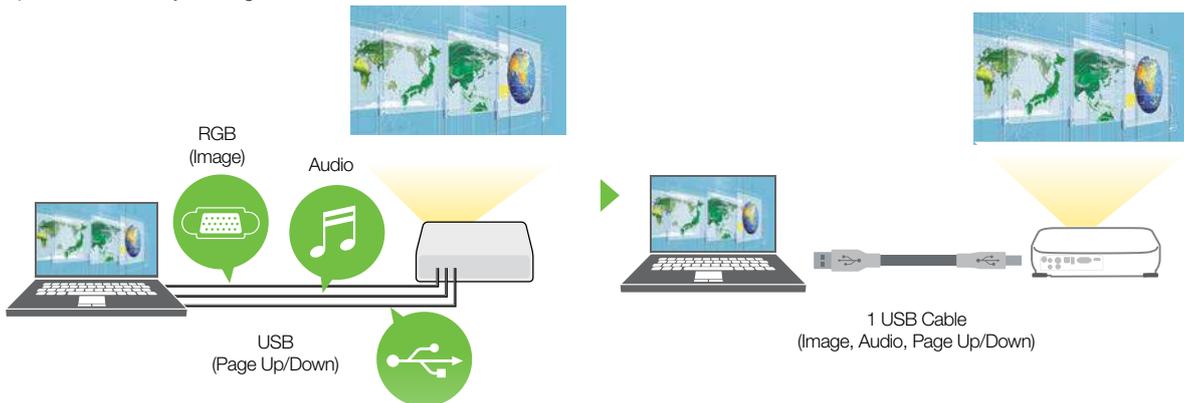
The Horizontal Keystone Adjuster and Auto Vertical Keystone features allow you to quickly and intuitively correct any projection image slant due to projector placement angle. Calibration for interactivity is also quick and easy. Simply press the Auto Calibration button for 3 seconds and you can begin to use the interactive pens for your presentation right away.



Wide Range of Connectivity

USB 3-in-1 Display

Image projection, sound transmission and mouse operation can all be conveniently carried out with a single USB connection, eliminating the hassle of separate and messy cabling.



Full Compatibility

Advanced connectivity features mean convenient and hassle-free projections of your presentations. With wide-ranging interfaces, EB-536Wi not only corresponds with multiple conventional analogue sources, it is also compatible with HDMI input.



SMART Notebook® Software

Easily create dynamic contents to deliver impactful interactive lessons and bring learning to life.

Featuring a host of design features, multimedia resources and customisable game-based activity templates, this collaborative learning software gives you all the tools you need to enrich your interactive classroom experience. With a variety of artistic pens, create attractive real-time drawings and annotations and add more colours to your lessons. What's more, teacher and student devices can be leveraged to drive discussion, assessment and content creation.



Image that Illuminates

WUXGA – Beyond Full HD Resolution

EB-696Ui only

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

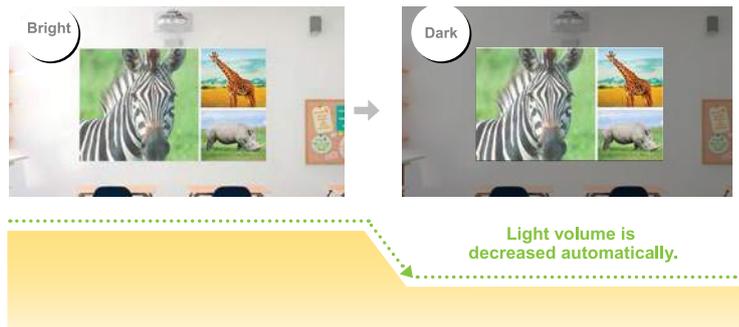
Reduce energy consumption in ECO mode with minimal impact on image brightness. When ECO mode is turned on, brightness will only be reduced to 2,900 lumens. That means you can still enjoy bright projection even as you save on energy costs.



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.

Change in classroom brightness.



Change in light volume.

Panoramic Interactive Experience

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 and/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.



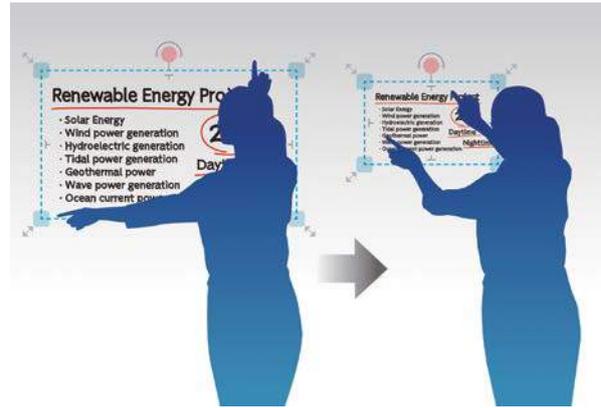
Finger-touch Interactivity

EB-695Wi/696Ui only

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.



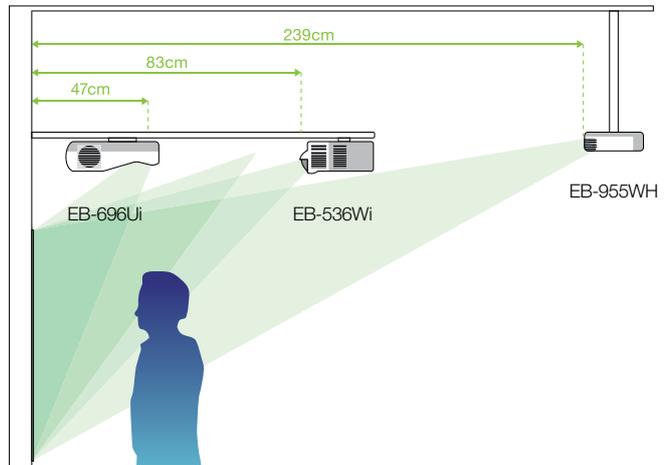
Enhanced Audience Collaboration

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

SMART Notebook® Software

Easily create dynamic contents to deliver impactful interactive lessons and bring learning to life.

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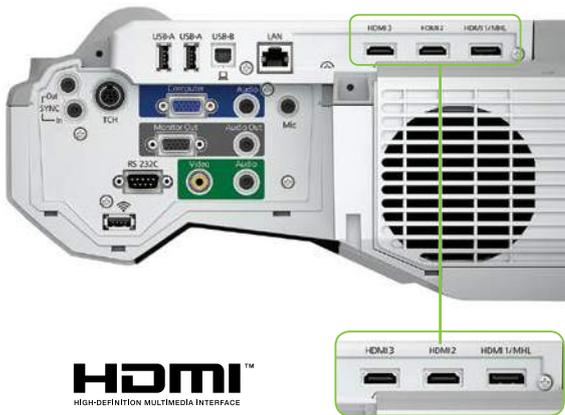


Wide Range of Connectivity

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 Android mobile device and operate it using the projector's remote control.



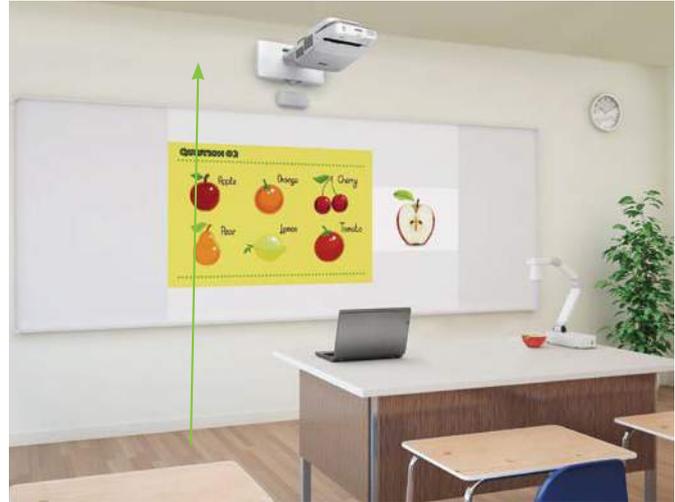
HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

MHL
Mobile High-Definition Link

3 x HDMI

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.



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.

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.



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.

Auto Power On

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

Intelligent 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. Simply use the interactive pens for adding notes or writing and let your fingers do the rest.



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 as a standalone without a PC, the projector enables two fingers and two pens to write at the same time.



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.



Highly Engaging Presentations

With the annotation of the interactive pens and support for finger touch gestures, you can easily modify your projections real time to create persuasive presentations that wow your audience.



Collaborative Meetings

Interactive Whiteboard Sharing

The in-built digital whiteboard can be shared with up to 15 laptops, mobile devices or same series interactive projectors residing in the same network. Interactive drawings and images inserted from all parties can be seen in real time by every connected user. Laptops and devices access the common shared whiteboard by using only the web browser, removing the need to install any software or apps. Images from other input sources of the projector can also be interactively shared this way with laptops and mobile devices, allowing every participant in the meeting to coauthor and actively collaborate.



Digital Whiteboard Capability

Even with no PC connected, you can enjoy up to 50 pages of digital whiteboarding by using the projector's in-built digital whiteboard mode. You can also output and share the written pages in multiple ways and formats. If a PC is connected, you can run the Epson Easy Interactive Tools 4.2 to use the whiteboard software.



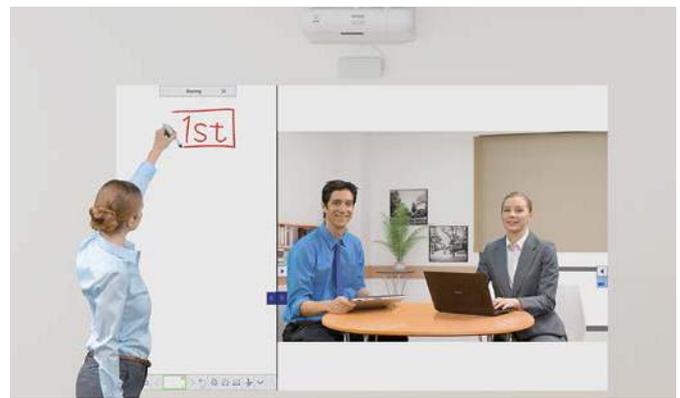
Multi-location Interactivity

Up to four interactive projectors in different locations can share the interactivity of the projector screen as long as they are connected to the same network, for example via VPN. This function is enabled using Epson iProjection software to allow you to have a collaborative meeting with participants in different locations.



Enhancing Video Conference Systems

The interactive projector powerfully enhances video conference systems with interactive collaboration functions. The video conference image can be displayed on one side of the split screen while the digital whiteboard or multi-location interactive screen can be shown on the other. This allows users to see the conference video and, at the same time, draw on any PC applications like CAD or Microsoft Office documents. Participants using the multi-location function can make annotations that can be viewed by other connected parties in the conference. You can output the annotations or live drawings made by remote participants on a larger display via the interactive projector's DVI video output port.



Slide to Split Screen

Simply slide an on-screen handle to split the projector screen into two. 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 video conference on one side and write on the digital whiteboard on the another side. With this function, there is no need to purchase two displays for your meeting room.



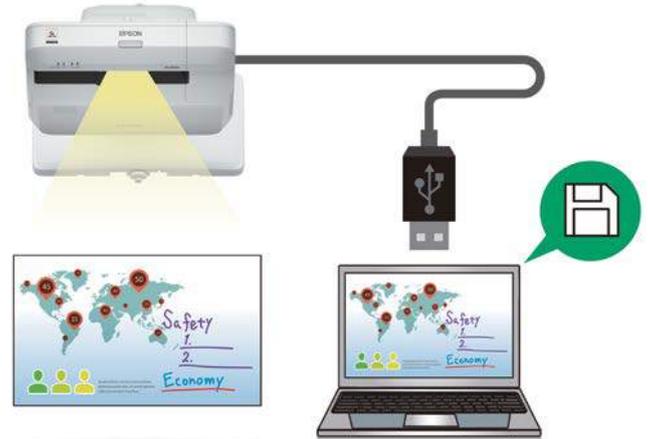
Quick Information Sharing

With the rich input-output options provided by the smart interactive projector platform, you can enjoy great flexibility of importing information from various sources and sharing the meeting results in multiple ways, saving you precious time and increasing productivity.



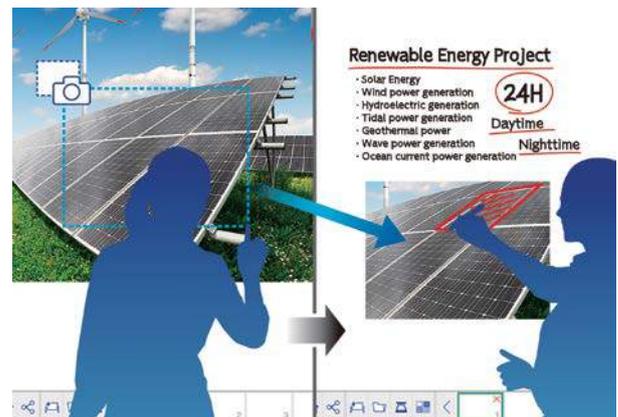
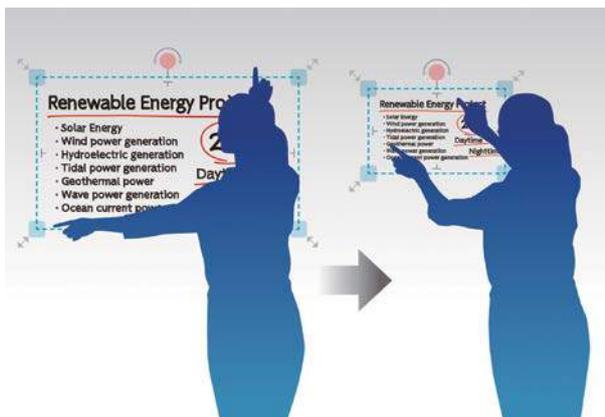
When the meeting is over, you may directly print the whiteboard pages or simply distribute them by email to up to 50 participants at one go. The projector is able to access Active Directory of the network to allow you to conveniently search for participants' email addresses.

Alternatively, save your images and drawings on the digital whiteboard directly to your PC by connecting the projector to your PC via USB cable or save to a USB thumb drive or network storage location. You can also directly print to USB or network printers in A3 or A4 size formats.



Easy On-screen Editing and Arrangement

Any images or writing on the screen can be resized and moved as if it were an object. You can easily rearrange and organise information on the screen to make room for more contents to be shown on the screen.



DVI Video Output

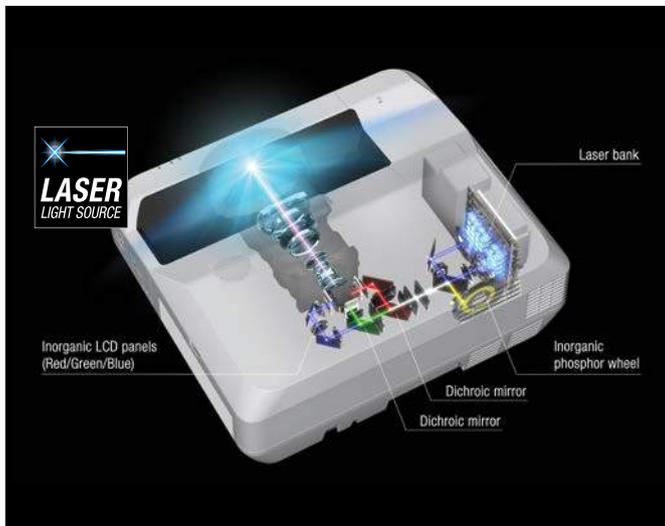
With the projector video output function, you can output the image from your interactive projector to another larger projector to duplicate the projection on a larger screen. This function is perfect for sharing your drawings or images via an interactive projector with a large audience in an auditorium.



Laser Light Technology* EB-1470Ui only

Revolutionary Laser Light Source

Blue light from the laser is projected through a beam splitter, which divides the light into two beams. One beam is reflected by a phosphor wheel, changing it into yellow, while the other remains blue. The two beams are then recombined into white light and separated into red, green and blue through dichroic mirrors. Each of the three colours passes through LCD panels, producing three individual images, which are transmitted through a prism and combined into the final full-colour image.



Inorganic LCD Panels and Phosphor Wheel for Outstanding Reliability

Made of inorganic material, Epson's newly developed phosphor wheel offers superior light and heat resistance to deliver excellent reliability. By combining this with our inorganic LCD panels, we create laser projectors that project bright, vibrant images for extremely long periods.

Organic vs. Inorganic

	Inorganic (Glass, iron, aluminum, etc.)	Organic (Paper, wood, plastic, etc.)
Light-resistance	YES	NO
Heat-resistance	YES	NO

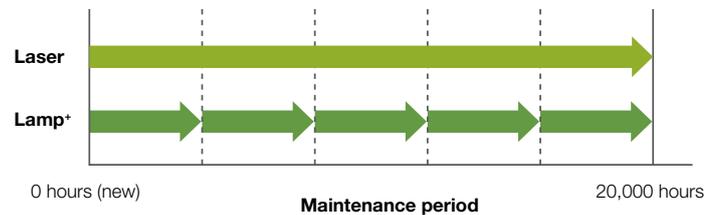
Unlike organic substances, inorganic substances do not contain carbon.

20,000 Hours of Maintenance-free Use

Engineered with inorganic LCD panels and an inorganic phosphor wheel, this newly designed laser light source delivers 20,000 hours[^] of maintenance-free use. And with the advanced electrostatic filter having an equally long-lasting life, you enjoy peace of mind in using these highly reliable laser projectors.

[^] Approximate time until brightness decreases 50% from first usage. Measured by acceleration test assuming use of 0.04 - 0.20 mg/m³ of particulate matter. Time varies depending on usage conditions and environments.

Maintenance period of laser and lamp



^{*} Compared with other conventional lamp projector that has lamp life of 4000 hours.

Superior Image Quality

Beyond Full HD Resolution

Enjoy a dynamic viewing experience with 1920 x 1200 WUXGA resolution that is beyond Full HD. Deliver clearer high-resolution image displays 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.



Wide Range of Connectivity

Simplify Meeting Preparations

With the ability to send the projected image to connected laptops and mobile devices, you no longer have to prepare meeting handouts, saving time and paper.



Full Compatibility

Advanced connectivity features mean convenient and hassle-free projections of your presentations. With a wide-ranging interface, these projections not only correspond with multiple conventional analogue sources, they are also compatible with HDMI and supports CEC. In addition, one of the two HDMI input terminals is MHL-enabled for the mirroring of Android mobile devices.

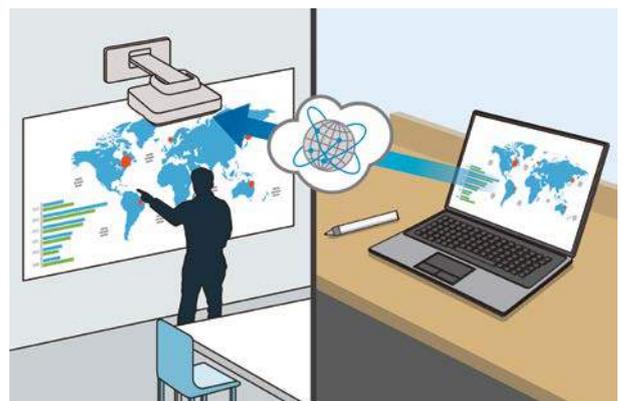
Simply connect your MHL-compatible device with the MHL cable to fully enjoy your contents on the big screen. What's more, when connected, you can charge your Android mobile device and operate it using the projector's remote control.



Ease of Presentation

Remote Desktop Access

The interactive projectors can remotely access a PC on your work desk or a desktop hosted on server using the Microsoft Remote Desktop Protocol. You can connect and control the remote desktop using your fingers and interactive pens. Now, you can project and annotate on information stored in different remote locations right from your meeting room, giving you unparalleled flexibility and convenience.



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 blinding glare on presenter's face

Epson ultra-short throw projector

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.



Large projection in small space of window display



Table top projection

Miracast Screen Mirroring*

Use Miracast to mirror your tablet or smart phone screen on the projection. You can display contents such as documents, photos and videos from your mobile devices simply through a wireless connection to the projector. No more messy cables to worry about.

* Applicable for EB-1460Ui and EB-1470Ui only, and compatible Android Smartphones or Tablets with Miracast Function.



Quick Start-up Time*

Equipped with laser light technology, the EB-1470Ui starts up within 5 seconds, ensuring smooth and seamless presentations.

* Applicable for EB-1470Ui only.

Learning Comes Alive with Epson Interactive Projectors

Epson interactive projector has redefined collaborative learning at a leading children's fitness centre



LEARNING through play has always been the key focus at My Gym, a leading children's fitness centre with a unique programme that helps children develop physically, emotionally and cognitively.

As part of the cognitive learning process, children who participate in My Gym's interactive playgroup programme often engage in art and craft projects, through which they can learn more about objects and their surroundings.

At the centre's Buona Vista branch, for instance, children get a chance to draw and colour images of objects such as fruits and planes using crayon and paper, and learn more about those objects under the guidance of teachers.

In February 2016, Max Lee, director of operations, My Gym @ Buona Vista, raised the level of interactivity for such playgroup programmes by several notches, thanks to Epson projector, the world's first 3LCD finger-touch enabled ultra short-throw interactive projector.

"Our experience with the Epson interactive projector has been awesome. By letting children write and draw simultaneously on the same screen, we can now truly enable real-life interactive learning to enhance our tactile-based learning curriculum," Lee says.

Indeed, the projector was built with onscreen collaboration in mind – its dual pen interactivity and multi-touch capabilities let children and teachers use up to two interactive pens and six fingers to annotate on the same screen at any time.

With dual pen interactivity, children can pre-select their choice of drawing tools and use them anywhere throughout the

whole screen. This greatly enhances the interactive learning process as teachers can assist children with their drawings and move objects together on the screen.

"Through our interactive programme enabled by Epson projector, we can spark a child's natural curiosity and enthusiasm, to provide stimulation for learning and to enable greater retention of information," Lee says.

"The children, who have been fascinated by the projector's true-to-life images, are definitely better engaged during lessons. For the first time, they can now showcase their creativity and bring their artworks to life," he adds.

Besides freeing up the need to prepare physical drawing materials, the projector is also bundled with the SMART Notebook® collaborative learning software.

"Our teachers have been using the SMART Notebook® software to create content and deliver lessons more easily and quickly, and with greater impact. That there's a rich



collection of pre-created interactive lessons included with the software helps a lot too," Lee says.

While the interactive features of the projector have been a big plus, just as important to Lee is the projector's brightness of 3,300 lumens, which he says is just right for his young charges.

Lee says: "The projector offers sufficient brightness in our well-lit playgroup area, but at the same time, the level of brightness is not damaging to the eyes of children."

The colour quality of the projector is just as critical to My Gym, which requires colours to be accurately displayed. "Imagine what would happen if a grain of rice appears yellowish rather than white – the kids may not be able to identify a grain of rice when they see one in real life," Lee says.

For now, teachers and children at My Gym have had no issues with the projector as far as usability is concerned. "The children can easily identify the drawing and colouring tools through the well-designed, intuitive icons, while our teachers have been able to set up the projector on their own.

"The fact that the projector starts up quickly in seconds is really helpful too, as children get distracted easily if there are long pauses during playtime," Lee says.

For teachers, the projector makes their jobs easier since they can now project images wirelessly from their mobile devices and laptops without fiddling with connectors and messy cables. "Teachers can also print out the onscreen drawings for the children to bring home," Lee says.

The projector's ultra-short throw advantage also allows My Gym to position the projector closer to the screen, while drastically reducing shadow interference and obstruction. For the first time, teachers can present content without having light beams shining on their faces, making teaching more pleasant.

All in all, Epson projector has been a godsend to My Gym. "Besides fostering creativity among children, there's now a lesser need to purchase physical art materials. The projector has also shortened the time it takes to prepare our lessons, and we're seeing improvements in productivity," Lee says.

Alila Solo Equipped with Epson Interactive Projectors to Capture Business Meeting Segment

Epson interactive projectors help boost meeting productivity



“ The Epson projectors allow for interactive discussions which make the meetings more productive in general. Our clients are happy and very satisfied as the features in the projectors are very beneficial to them. It is also easy to operate. ”

Alila Solo, located in Solo, Indonesia, is a modern urban luxury hotel that is setting new benchmarks not only in service and style but also offering the largest ballroom and events space in Central Java.

The hotel's 15 meeting rooms each features an Epson interactive projector which allows users to draw digitally on the projection. This was an informed decision taken by the hotel as it looked at how best to cater to the growing business meeting segment. Mrs Yenita Supardjan, Director of Sales at the hotel comments, “The Epson projectors allow for interactive discussions which make the meetings more productive in general. Our clients are happy and very satisfied as the features in the projectors are very beneficial to them. It is also easy to operate.”

Mr Suratno, Chief Engineer at Alila Solo also highlights that being an ultra-short throw projector, Epson projector has helped the hotel to save space. He added, “The ultra-short throw also helps reduce glare and shadow effect which makes it a pleasant experience for all in the meeting. In addition



it is easy to operate. All one needs to do is switch ON the projector and within seconds you can start your meeting.”

One of Alila Solo's clients highlights that the simple convenience of using fingers or interactive pens to write on the projection and the multiple output options have helped him tremendously. “For instance, I can make annotations and take notes on the whiteboard and then directly save to a USB Drive and send it off via email to those in the meeting and other relevant personnel, making it very effective. Or if I need to, I can also send it direct to a printer. This saves a lot of time.”



At 10,000 lumens of brightness, it projects full HD quality content for the large ballroom screen.

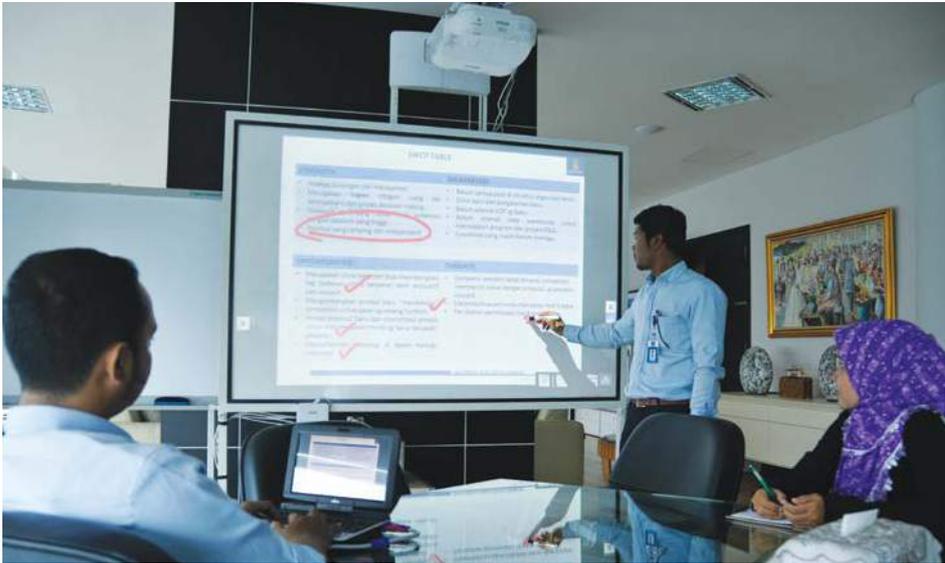


Alila Solo's Ballroom with a capacity for 1,500 guests also features an Epson high brightness projector.

The hotel's investment in Epson projectors has yielded a positive outcome not just for the hotel but also its guests.

Creative Interaction

Property developer PT Paramount Serpong gets a creative solution with the installation of Epson's interactive projector

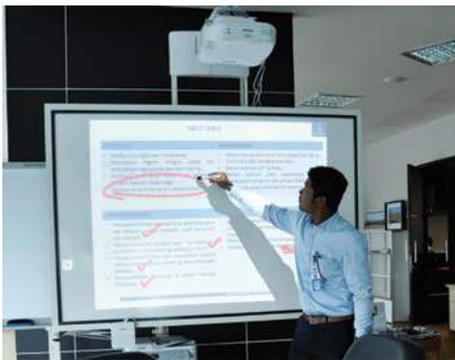


With their slogan of “Building Homes and People With Heart”, property developer PT Paramount Serpong, Indonesia, has always put personal interaction at the heart of everything they do. This included their planning meetings to discuss real estate project developments, but they were having an issue with getting people engaged in their meetings and capturing all the data and inputs that their teams were providing.

“We would be facing some serious issues because of missing annotations of things that were discussed during different meetings. We would have several meetings but the drawings were not updated as per the most recent discussion,” states Darus Tri Handoko. “We were basically wasting a lot of time and resources checking and double checking materials.”

The result is an interactive projector solution that allows team members to make annotations during meetings, provide feedback and input and have all of it captured, either in a printout or via email to various team members.

“Our meetings are now much more productive,” states Handoko. “The best part is that we’re no longer wasting time making comparisons between notes and there’s no more worry about missing information. This solution has definitely increased our productivity and efficiency.”



The solution to their problem came in the form of the Epson interactive projector. However, it was not as easy as simply installing a projector. Special considerations had to be taken to make things work for Paramount. Working with the system integrator, Epson provided a portable whiteboard for increased portability. For this to work with the projector, a wall-mount bracket was installed onto the portable whiteboard. This was only possible because the interactive projector is an ultra-short throw projector which was then connected to an Epson printer set up below the whiteboard.



PT Paramount Serpong was established in 2006, and is one of the most popular properties in Serpong today with more than 1056 qualified workforce. As a property developer with its core business in hotels, apartments, hospital and universities, Paramount was facing an issue with the interactivity and annotation capabilities of their projectors during meetings. At the same time they could not directly print out the final version of what was being projected on the screen with annotations included.

“ The best part is that we’re no longer wasting time making comparisons between notes and there’s no more worry about missing information. This solution has definitely increased our productivity and efficiency. ”

Redefining Meetings in the Digital Age

Epson's 3LCD interactive projectors have enabled more productive and engaging discussions at Tadah Collaboration Architects



"With the interactive pens, I can just capture the sketch, and print or save it into a document," Sangthrong says. "Now, we have a document of our design process in digital format."

He adds: "Rather than working on paper, we now work on the big screen. I can present the big picture of the project so my team can better understand my design intentions".

ARCHITECT Pholkrit Sangthrong used to sketch drawings on pieces of paper while collaborating with his team to design a new building.

And after a discussion, his team of designers and architects at Thailand Tadah Collaboration Architects would snap pictures of those drawings to record them.

That cumbersome method of working with colleagues and digitising drawings has given way to a more productive way of collaboration – through Epson's 3LCD interactive projectors.

Epson's interactive projectors can turn any smooth surface into an interactive whiteboard, allowing users to use their fingers and interactive pens to sketch on the projected screen, making it as simple as using a smartphone.



With wireless PC connectivity, Epson's interactive projectors have also enabled Sangthrong's team to pull out information from the Internet and print-out easily during meetings. "They have changed the way we work," he says.

Tadah's clients were just as impressed with Epson's interactive projectors, which feature an ultra short throw distance that reduces shadow interference.



"When I stand in front of the projector to present our project, it doesn't cast my shadow onto the screen. Our clients wondered how that could be possible," Sangthrong says. "I think that has impacted how our clients made their decisions to engage us to design their work."

In addition, the ultra short-throw advantage lets businesses project images in tight spaces, such as a retail window display. They can also even transform a table into an interactive screen, letting employees collaborate on the fly without the need to book a meeting room.

“With the interactive pens, I can just capture the sketch, and print or save it into a document.”

A Digital Art Experience Like No Other

Epson's 3LCD interactive projectors are revolutionising digital art



MOST of us are familiar with having our caricatures drawn by artists using pen and paper.

But at the Welcome2Flatland art installation in Kuala Lumpur, Malaysia, visitors had their caricatures drawn by an artist using unconventional tools – an interactive pen and a projected screen.



The caricatures were subsequently projected on a separate screen using an Epson high brightness Z Series projector. They were later printed for visitors using a wireless Epson printer.

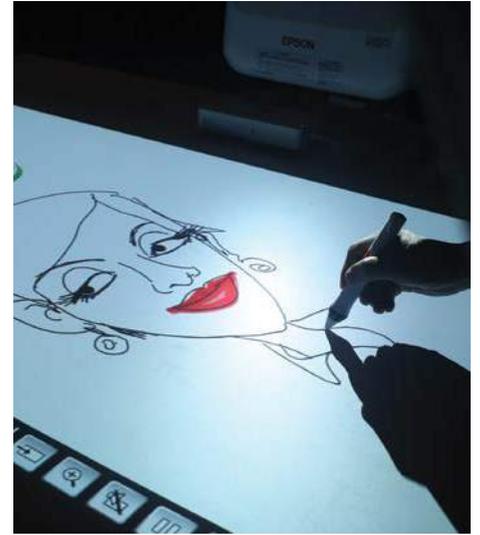


Such capabilities are only possible with Epson's 3LCD interactive projectors, which have the ability to transform any smooth surface into an interactive screen.



The interactive projector has an ultra short-throw advantage that lets you project images onto a table – instantly turning it into an interactive whiteboard to facilitate quick discussions on the fly.

And on a projected screen, users can use interactive pens and their fingers to sketch drawings, take notes and annotate on documents. The handwritten content can be digitised immediately and saved as digital files.



"Projection is not just about pure projecting," says Mr Danny Lee, general manager for sales and marketing at Epson Malaysia.

"It's about being collaborative, interactive and getting the audience involved in the projection images," he says.

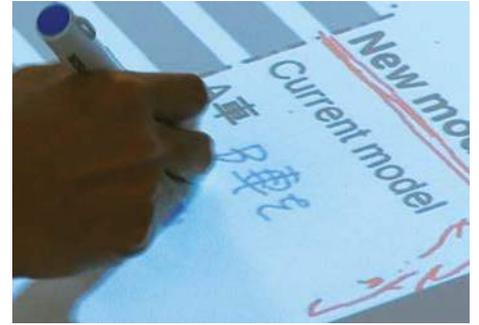
This was certainly the case at the Welcome2Flatland art installation. The use of Epson's projection technology in public art installations dispels the misconception that projectors are only used in classrooms and offices.



“ It's about being collaborative, interactive and getting the audience involved in the projection images. ”

Driving Design Success

Japan Mazda Motor Company takes design collaboration to a new level with the installation of Epson 3LCD interactive projector



If there is an industry where collaborative design can make a difference, it has to be within the car industry, and Mazda Motor Company has figured this out. In an area of the office creatively dubbed “Center Court”, Mazda’s Planning and Design team have installed an Epson 3LCD interactive projector. What is special about this particular installation is that it has been configured for table-top projection.

What this means is that instead of projecting on a wall, the projector has been attached to the side of a table and projects downwards, turning the table’s surface into one giant, interactive board capable of displaying anything the users want it to.



“I feel this is very effective because everyone gathered at the table can write memos directly on the screen so we don’t have to take meeting minutes,” states Junji Suzuki, a member of the Planning and Design Team. “Then we can easily share meeting content with the people concerned and they would immediately understand what was discussed at the meeting.”

Mazda is a company that places a great deal of importance in design, a fact proven by their development of their groundbreaking SkyActiv technology. SkyActiv is a holistic concept that improves efficiency of the car through design elements that are weaved into all parts of the machine from the tyres and chassis to the engine design. It only makes sense that they would want to create a design-friendly environment that would allow their creative minds to come together, collaborate and develop the best ideas possible.

The new setup – using the projector with a meeting table as a central feature of the workspace – has made it easier for everyone to contribute and share their expertise. Previously, meetings in Mazda involved one person explaining the situation and the surrounding people listening in a closed room.

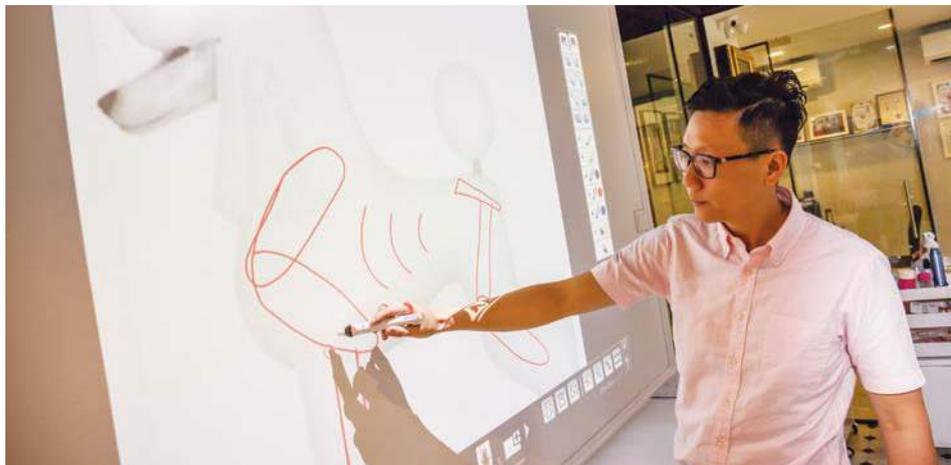


“This is a completely different way of holding a meeting,” says Minoru Toyota, Chief Manager, Planning and Design Team. “This new style really promotes cooperation because you can invite people to join the discussion at any point in the meeting where they become relevant. This helps implement a new basis for cooperation. The way we do things now has changed noticeably.”

“I feel this is very effective because everyone gathered at the table can write memos directly on the screen so we don’t have to take meeting minutes.”

Pet Grooming, The Interactive Way

Epson interactive projector has liven up pet grooming courses at Animal Arts Academy



WHILE Kingsly Tan continues to improve his skills in professional pet grooming, he also believes in tapping on the latest technology innovations to engage his students during his classes at Animal Arts Academy.

Co-founded in 2006 by Tan, Animal Arts Academy (AAA) began as a salon at Singapore's VivoCity The Pet Safari. With five outlets across Singapore, AAA delivers professional grooming courses, styling as well as pet daycare services with quality, creativity and passion.

Until recently, pet grooming courses at AAA were conducted using traditional whiteboards, where instructors would make poodle drawings. "We also took photos of dogs and drew on the printed photos to show our students how to groom the dogs. This can be quite time-consuming," Tan says.

While looking for a projector, Tan came across Epson interactive projectors, which he was impressed with during a demo conducted by Arts of Entertainment (AOE), an audio visual specialist.

"We have not tried other brands of interactive projectors before, but Epson interactive projector has made it so much easier for our instructors to do their drawings," Tan says.

"Plus, the students and instructors no longer need to deal with pen and paper, saving us about 15 to 20 minutes a day. Our lessons are now more fun and engaging, with students and instructors using their fingers and interactive pen for their poodle drawings," he adds.

Indeed, the projector's interactive features let users control their presentations using touch gestures to scroll, press and tap, pinch in/out and rotate images. The projector also makes it possible to transform any flat surface such as existing whiteboards and tables into digital whiteboards and interactive spaces without using additional software.

Additionally, the projector's PC-free interactive feature lets two people write simultaneously with two fingers and two interactive pens at the same time, allowing students and instructors at AAA to collaborate on the same screen.

"After our students finish their grooming on a dog, we'll take a picture of their finished work, put it up on the big screen and show them their mistakes. We can then make changes on the picture by drawing the correct outline for the dog they have just groomed. This has really helped our students understand and correct their mistakes very quickly," Tan says.

AAA's instructors also make use of the Epson iProjection app to project photos of dogs from a smartphone onto the screen, before annotating on them.

"The images are then e-mailed to the students right after the class for their reference," he adds. "Our students have been very impressed by this!"

Just as impressive to Tan and his students is the projector's sharp and vibrant images of up to 3,300 lumens, eliminating the need to dim the lights, which are necessary during pet grooming classes.

Finally, with its eco-friendly auto-brightness feature that detects how bright the room is and adjusts the projector's brightness automatically, Tan is assured of power and cost savings down the road.

"The projector's brightness and colour have been nothing short of impressive. While other projectors don't project images clearly in a lit room, this was not the case with Epson's projectors – the images are projected vividly in our brightly-lit classroom," Tan says.

With limited classroom space, Tan needed a projector with a short throw distance. He welcomes Epson's interactive projector ultra-short throw advantage, as his instructors will not have light beams shining on their faces during classes. Shadow interference is also greatly reduced, making classes more enjoyable for his students.

Tan explains: "When standing in front of the projector, we don't get shadows on the screen due to the projector's short throw distance. We can also mount the projector closer to the screen, which works very well for us".

The projector's ultra-short throw distance also ensures consistent and uniform colours, plus stable performance when using interactive pens. At the same time, there's no drop in brightness levels – even in interactive mode.

“The projector's brightness and colour have been nothing short of impressive. While other projectors don't project images clearly in a lit room, this was not the case with Epson's projectors – the images are projected vividly in our brightly-lit classroom.”

MODEL NUMBER	EB-536Wi	
Projection Technology	RGB liquid crystal shutter projection system (3LCD)	
Specifications of Main Parts		
LCD	Size	0.59" with MLA (D8)
	Native Resolution	WXGA
Projection Lens	Type	No Optical Zoom / Focus (Manual)
	F-Number	1.60
	Focal Length	6.4mm
	Zoom Ratio	1.0 - 1.35 (Digital Zoom)
Lamp	Throw Ratio	0.48 - 0.65 (Wide - Tele)
	Type	215W UHE
	Life (Normal / Eco) ¹⁾	5,000 hours / 10,000 hours
Screen Size (Projected Distance)		
Zoom: Wide / Zoom: Tele	53" - 116" [0.54 - 1.22 m] / 39" - 86" [0.54 - 1.22 m]	
Brightness²⁾		
White Light Output (Normal / Eco)	3,400lm / 1,900lm	
Colour Light Output (Normal)	3,400lm	
Contrast Ratio	16,000:1	
Internal Speaker(s)		
Sound Output	16W Monaural	
Keystone Correction		
Vertical / Horizontal	±7° / ±5°	
Auto Keystone Correction	Yes (Vertical)	
Connectivity		
Analog RGB Input	D-Sub 15Pin	2 (Blue)
	Composite	RCA x 1 (Yellow)
	S-Video	1
Digital Input	HDMI	1
Audio Input	RCA (White/Red)	Yes
	Stereo Mini Jack	2
USB Input	USB Type A	1 (for USB Memory, USB Document Camera, Wireless LAN, Firmware Update, Copy OSD Settings)
	USB Type B	1 (for USB Display, Mouse, K/B, Control, Firmware Update, Interactive, Copy OSD Settings)
Control I/O	RS-232C	D-Sub 9pin x 1
	Interactive Sync	In x 1; Out x 1
Video Output	Monitor Out	1
Audio Output	Stereo Mini Jack	1
Mic Input	Stereo Mini Jack	1
Network	Wired LAN	RJ45 x 1 (100Mbps)
	Wireless LAN	Optional (ELPAP07)
Interactive Specification		
Interactive Unit		
Supported Screen Size	53" - 116" [0.54 - 1.22 m] (Zoom: Wide) 40" - 86" [0.54 - 1.22 m] (Zoom: Tele)	
Technology	Infrared	
Input Devices	Digital Pen (Easy Interactive Pen A and B)	
Connection To Computer	USB	
Supports Multiple Input Simultaneously	Yes	
Calibration	Auto, Manual (25 Points)	
Pen Unit		
Size	161 x 24 mm Dia. (maximum)	
Weight (Excluding Batteries)	30g	
Side Button	Yes	
PC Free Annotation Tool		
Driver Install	No Need	
Multi Pen Support	Yes, Up To 2 Types Of Pens (Easy Interactive Pen A and B)	
Whiteboard Function	Yes	
Operating Temperature	5 - 35 °C <41 - 95 °F>	
Operating Altitude	0 - 3,000 m <0 - 9,843 ft>	
Direct Power On / Off	Yes	
Start-Up Period	Less than 7 seconds, Warm-up period: 30 seconds	
Cool Down Period	Instant Off	
Power Supply Voltage	100 - 240 V AC ±10%, 50/60 Hz	
Power Consumption (220 - 240V)		
Lamp On (Normal / Eco)	298W / 221W	
Standby (Normal / Eco)	2.1W / 0.28W	
Dimension Excluding Feet (D X W X H)	314.5 x 344 x 94 mm	
Weight	3.9kg	
Fan Noise (Normal / Eco)	37dB / 29dB	

¹⁾ Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time.

²⁾ 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.

Supplied Accessories

Power Cable: 4.5m
Remote Control: Yes, with Alkaline AA Battery
Interactive Pen x 1
USB cable: 5m
Software CD-ROM

Optional Accessories

Spare Lamp: ELPLP87
Air Filter: ELPAF47
Soft Carrying Case: ELPKS66
Wireless LAN Unit: ELPAP07
Quick Wireless Connection USB Key: ELPAP09
ELPKC28 Interactive IR Synchronization
ELPKC31 USB Extension Cable
ELPPE02 Pen Extension
ELPMB45 Short Throw Wall Mount

EB-536Wi



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Information correct as at March 2018

MODEL NUMBER	EB-696Ui	EB-695Wi	EB-685Wi
Projection Technology	RGB liquid crystal shutter projection system (3LCD)		
Specifications of Main Parts			
LCD	Size	0.67" (D10)	0.59" (D9 C2fine)
	Native Resolution	WXGA	WXGA
Projection Lens	Type	No Optical Zoom / Focus (Manual)	
	F-Number	1.60	
	Focal Length	4.2mm	3.7mm
	Zoom Ratio	1.0 - 1.35 (Digital Zoom)	
	Throw Ratio	0.27 - 0.37 (Wide - Tele)	0.28 - 0.37 (Wide - Tele)
Lamp	Type	267W UHE	
	Life (Normal / Eco / Eco2) ¹⁾	5,000 hours / 10,000 hours / N/A	5,000 hours / 10,000 hours / 9,000 hours
Screen Size (Projected Distance)	70" - 100" [40.5 - 59.3 cm]	60" - 100" [35.4 - 60.1 cm]	74.3" screen 44.3cm
Brightness²⁾			
White Light Output (Normal / Eco)	3,800lm / 2,900lm	3,500lm / 2,900lm	
Colour Light Output	3,800lm	3,500lm	
Contrast Ratio	16,000:1	14,000:1	
Internal Speaker(s)			
Sound Output	16W Mono		
Keystone Correction			
Vertical / Horizontal (Zoom : Tele)	±3° / ±3°		
Quick Corner	Yes		
Connectivity			
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 Computer2
Audio Input	Stereo Mini Jack	2	3
Audio Output	Stereo Mini Jack	1	
Others	USB Type A	2 (for USB Memory, USB Document Camera, Firmware Update, Copy OSD Settings)	
	USB Type B	1 (for USB Memory, USB Document Camera, Firmware Update, Copy OSD Settings)	
Control I/O	Microphone Input	1	
	RS-232C	D-Sub 9pin x 1	
	Interactive Sync	Stereo Mini Jack IN x 1, OUT x 1	
Network	Touch Unit Control	Yes	
	Wired LAN	RJ45 x 1 (100Mbps)	
	Wireless	Optional (ELPAP10)	
Wireless Specifications			
Supported Speed For Each Mode	IEEE 802.11b: 11 Mbps ³⁾ IEEE 802.11g: 54 Mbps ³⁾ IEEE 802.11n: 130 Mbps ³⁾		
Wireless LAN Security	WPA/WPA2-Personal (with optional ELPAP10)		
Interactive Specification			
Interactive Unit			
Technology	Infrared		
Input Devices	Interactive Pen	Digital Pen (Easy Interactive Pen 1,2)	
	Fingers	Finger (1-6 fingers)	N/A
Connection To Computer	USB, Network		
Calibration	Pen: Auto / Manual (25points)	Pen: Auto / Manual (25points)	
	Finger: Manual (16points)		
Functions	Hover, Right Click, Auto Adjust Pen Area		
Touch Unit			
Maximum Dimension (D x W x H)	51 x 210 x 95 mm	N/A	
Weight	450g	N/A	
Operating Temperature			
Single Use	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	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			
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 ⁴⁾	10,000 hours	5,000 hours (Power Consumption: Normal) 10,000 hours (Power Consumption: Eco)
Power Supply Voltage			
Power Consumption (220 - 240V)			
Lamp On (Normal / Eco)	401W / 334W	354W / 309W	
Standby (Network On / Off)	3.0W / 0.32W	2.3W / 0.37W	
Dimension Excluding Feet (D X W X H)	447 x 474 x 130 mm	400 x 367 x 149 mm	
Weight	Approx. 8.3kg	Approx. 5.8kg	
Fan Noise (Normal / Eco / Eco2)	37dB / 30dB	35dB / 30dB / 29dB	

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 [Felt]): 4
- Pen Tip (Hard [Teflon]): 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-696Ui)
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)
ELPPS04 for ELPPN05 (Soft)

EB-696Ui



EB-695Wi



EB-685Wi



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Information correct as at March 2018

¹⁾ Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time.

²⁾ 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.

³⁾ 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.

⁴⁾ 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.

MODEL NUMBER	EB-1450Ui	EB-1460Ui	EB-1470Ui	
Projection Technology	RGB liquid crystal shutter projection system			
Specifications of Main Parts				
LCD	Size	0.67" (D10)		
	Native Resolution	WXGA		
	Projection Lens	Type	No Optical Zoom / Focus (Manual)	
		F-Number	1.60	
		Focal Length	4.2mm	
Zoom Ratio		1.0 - 1.35 (Digital Zoom)		
Light Source	Type	Lamp: 267W UHE	Lamp: 300W UHE	
	Life (Normal / Eco / Extended)	5,000 ¹⁾ / 10,000 ¹⁾ / N/A hrs	Laser Diode	
Screen Size (Projected Distance)	70" - 100" [40.5 - 59.3 cm] 90" screen 53cm			
Brightness²⁾				
White Light Output (Normal / Eco)	3,800lm / 2,900lm	4,400lm / 2,900lm	4,000lm / 2,800lm	
Colour Light Output	3,800lm	4,400lm	4,000lm	
Contrast Ratio	16,000:1		Over 2,500,000:1	
Internal Speaker(s)				
Sound Output	16W Mono x 1			
Geometric Correction				
Vertical / Horizontal Keystone	±3° / ±3°			
Quick Corner	Yes			
Connectivity				
Analog Input	D-Sub 15Pin	1 (Blue)		
	Composite	RCA x 1 (Yellow)		
Digital Input	HDMI			
Analog Output Terminal	D-Sub 15Pin			
Digital Output Terminal	DVI-D			
Audio Input	Stereo Mini Jack			
Audio Output	Stereo Mini Jack			
Others	USB Type A			
	USB Type B			
Control I/O	RS-232C	D-Sub 9pin x 1		
	Interactive Sync	In x 1, Out x 1		
	Touch Unit Control	Mini DIN 8pin x 1		
	Remote	Stereo Mini x 1 (For Control Pad)		
Network	Wired LAN	RJ45 x 1 (100Mbps)		
	Wireless	Yes (ELPAP10 Included)		
Wireless Specification (Wireless LAN)				
Supported Speed For Each Mode	IEEE 802.11b: 11Mbps ³⁾ , IEEE 802.11g: 54Mbps ³⁾ , IEEE 802.11n: 130Mbps ³⁾			
Supported Mode	Infrastructure, Access Point			
Wireless LAN Security	Quick Mode: WPA2-PSK Advanced Mode: WPA/WPA2-PSK, WPA/WPA2-EAP Supported EAP Type: PEAP, PEAP-TLS, EAP-TLS, EAP-Fast, LEAP			
Wireless Specification (Miracast)				
Supported Speed For Each Mode	N/A	IEEE 802.11g (2.4GHz): 54 Mbps ⁴⁾ , IEEE 802.11n (2.4GHz): 130.0 Mbps ⁴⁾ , IEEE 802.11a (5GHz): 54 Mbps ⁴⁾ , IEEE 802.11n (5GHz): 270.0 Mbps ⁴⁾ , IEEE 802.11ac (5GHz): 780Mbps ⁴⁾		
Supported Mode	N/A	Wi-Fi Direct		
Interactive Specification				
Interactive Unit				
Technology	Infrared			
Input Devices	Interactive Pen	Digital Pen (Easy Interactive Pen 1 & 2)		
	Finger	Yes (Up to 6 Fingers)		
Connection To Computer	USB, Network			
Calibration	Pen: Auto / Manual (25 Points), Finger: Manual (16 Points)			
Functions	Hover, Right Click, Auto Adjust Pen Area			
Touch Unit				
Maximum Dimension (D x W x H)	51 x 210 x 95 mm			
Weight	450g			
Operating Temperature⁵⁾				
Single Use	5 - 40 °C <41 - 104 °F> (0m / 0ft to 2,286m / 7,500ft) 5 - 35 °C <41 - 95 °F> (over 2,286m / 7,500ft) (20% - 80% humidity, No condensation)	0 - 45 °C <32 - 113 °F> (20% - 80% humidity, No condensation)		
Multi-projection Use	5 - 35 °C <41 - 95 °F> (0m / 0ft to 2,286m / 7,500ft) 5 - 30 °C <41 - 86 °F> (over 2,286m / 7,500ft) (20% - 80% humidity, No condensation)	0 - 40 °C <32 - 104 °F> (20% - 80% humidity, No condensation)		
Operating Altitude				
Direct Power On / Off	0 - 3,000 m (0 - 9,842 ft) (over 1,500m / 4,921ft: with high altitude mode)			
Start-Up Period	About 8 seconds, Warm-up Period: 30 seconds		Less than 9 seconds (Epson Logo) Quick Startup: Approx 5 seconds (HDMI/ Computer/Video input) Warm-up period: 30 seconds	
Cool Down Period				
Air Filter	Type	Instant Off		
	Maintenance Cycle ⁶⁾	Electrostatic Filter 10,000 hour		
Power Supply Voltage	100 - 240 V AC ±10%, 50/60 Hz			
Power Consumption (220 - 240V)				
Lamp On (Normal / Eco)	401W / 334W	467W / 364W	423W / 332W	
Standby (Network On / Off)	3.0W / 0.32W		2.0W / 0.3W	
Dimension Excluding Feet (D x W x H)	447 x 474 x 130 mm		437 x 494 x 172 mm	
Weight	Approx. 8.4 kg		Approx. 11.4 kg	
Fan Noise (Normal / Extended / Quiet)	37dB / 30dB / NA		38dB / 37dB / 27dB	

Supplied Accessories

- Power Cable
- USB Cable: 5m x 2, 1.8m x 1
- Remote Control with Battery Attached
- Interactive Pens: 2 Pens with AA Battery
- Pen Stand: 1
- Setting Plate
- Light Curtain Unit
- Light Curtain Unit Bracket
- Pen Tip (Soft [Felt]): 4
- Pen Tip (Hard [Teflon]): 2
- Pen Tip Holder
- Control Pad
- Wireless LAN Unit (ELPAP10)
- Stereo Mini for Control Pad

Optional Accessories

- Spare Lamp: ELPLP92 (EB-1450Ui / EB-1460Ui)
- Air Filter: ELPAF45 (EB-1450Ui / EB-1460Ui)
ELPAF43 (EB-1470Ui)
- Remote Control Cable Set: ELPKC28 (10m x 2)
(for synchronization of Interactive IR)
- Setting Plate: ELPMB46 (EB-1450Ui / EB-1460Ui)
ELPMB53 (EB-1470Ui)
- Table Mount Bracket: ELPMB29
- Easy Interactive Pen 1 (Orange): ELPPN05A
- Easy Interactive Pen 2 (Blue): ELPPN05B
- Replacement Hard Pen Tips: ELPPS03 (for ELPPN05)
- Replacement Soft Pen Tips: ELPPS04 (for ELPPN05)

EB-1450Ui / EB-1460Ui



EB-1470Ui



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²⁾ Colour brightness (colour light output) and white brightness (white light output) will vary depending on usage conditions. Colour light output measured in accordance with DMS 15:4; white light output measured in accordance with ISO 21118.
³⁾ 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.
⁴⁾ These modes and actual data throughputs depend on supported wireless mode of source devices and/or environmental conditions.
⁵⁾ When environmental temperature becomes high, the brightness becomes dark automatically.
⁶⁾ 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.

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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.

