BenQ Smart Education Projectors

Upgrade Your Digital Classroom Smartly

Dancing jellyfish in water

Arianna

00:00:33 / 00:13:10
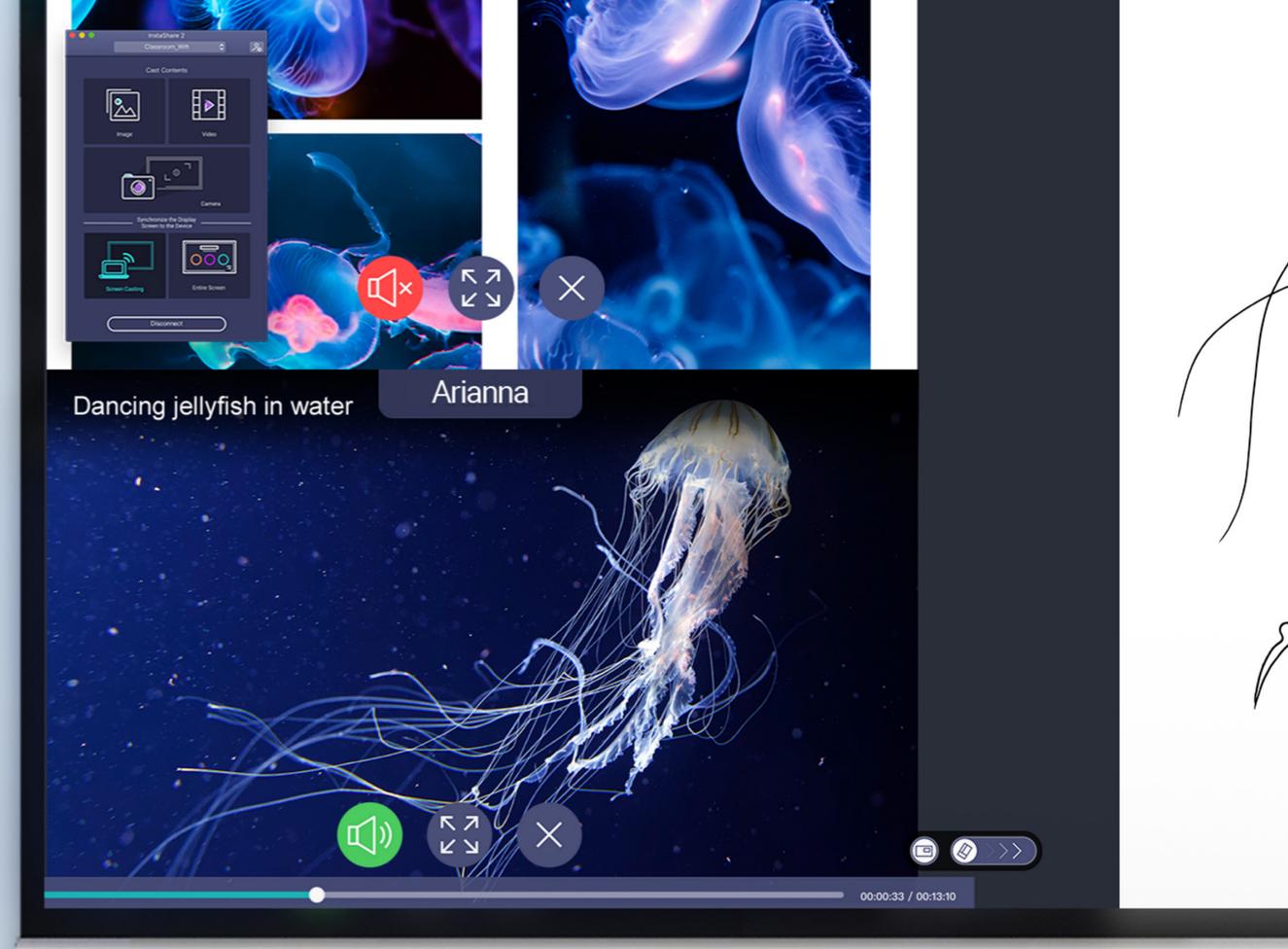
BenQ Education

EH700 | Future-proof for smart classrooms

EW805ST | Cost-efficient for interactive classrooms

EX605 | Budget-friendly for digital classrooms

Inspire Engagement, Smarter Than Ever

BenQ believes in inspiring engagement and making learning smarter than ever before. Imagine classrooms upgraded into vibrant hubs of interaction, where students are fully engaged and eager to learn. With our smart education projectors, Learning can be so easy with smart projectors to leverage diverse digital resources like videos, websites, presentations, and apps for better engagement.

Teach your way and unlock the full potential of smart learning, inspiring students to continue their journey of lifelong learning fueled by curiosity and growth.

Smarter to Share and Collaborate

More Flexibility, Less Interruption

Embrace more quality time with students thanks to smart projectors. It's easy to get your lesson started in mere seconds, by either plugging in a USB stick with teaching materials straight into the PC-less smart projector or pull down your documents from the connected cloud storage.
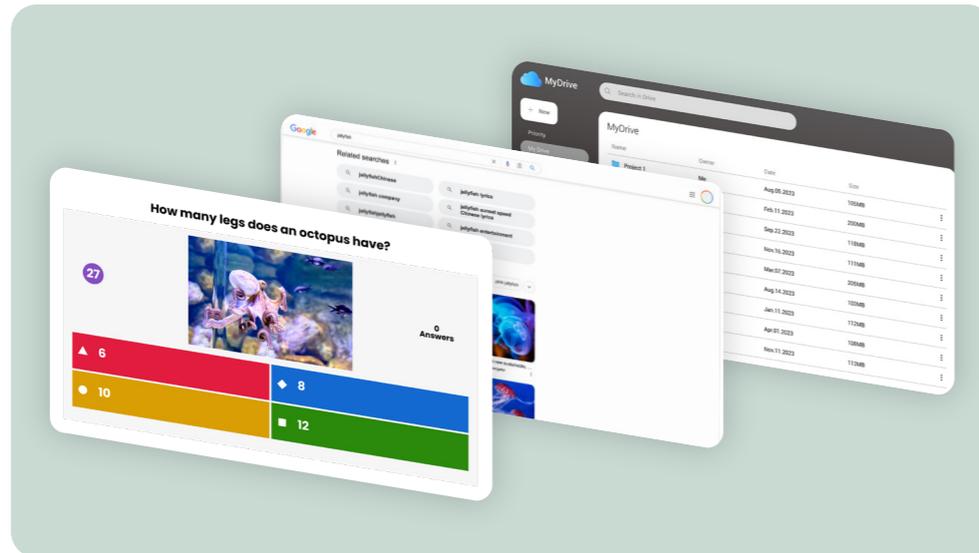
OneDrive　　**Google Drive**　　**Dropbox**　　**Chrome**　　**Edge**
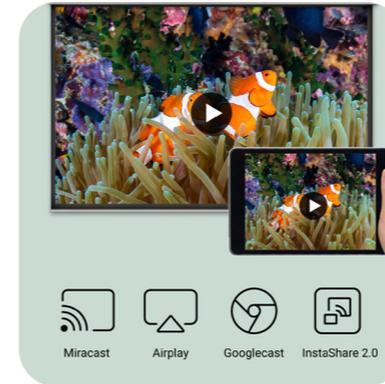
**Fox**　　**Kahoot**　　**WPS**　　**X-Sign**　　**AMS**

BYOD-based Education

Built to support laptops, tablets and smartphones. Teachers and students can wirelessly share ideas, reports and presentation slides from their devices to the smart projector in one click.

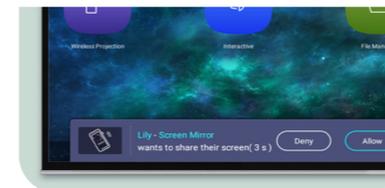Miracast　　Airplay　　Googlecast　　InstaShare 2.0

4-split Screen

Share more ideas and results via the driver-free 4-split screen at the same time.
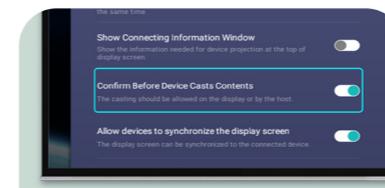
Casting Permission

Teachers control and select the screens cast by students to organize the interaction.
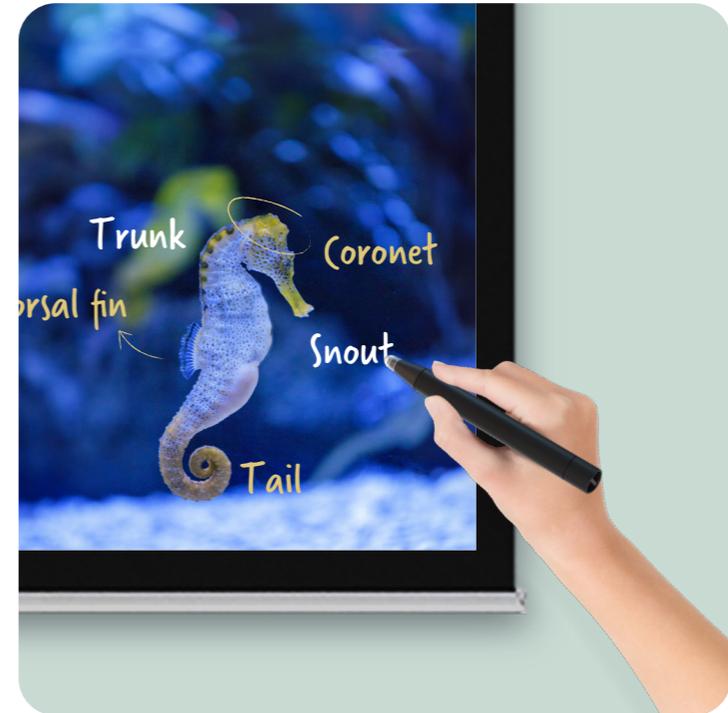
Adapting to Diverse Educational Settings

Larger to Increase Focus

Large screens are better suited for large-scale conferences in higher education auditoriums and lecture rooms. Projecting images over 100 inches from just 2m to 3m away (via 1.3X zoom) comparable to doubling the size of 75" flat panels, fully engaging students in their classes.
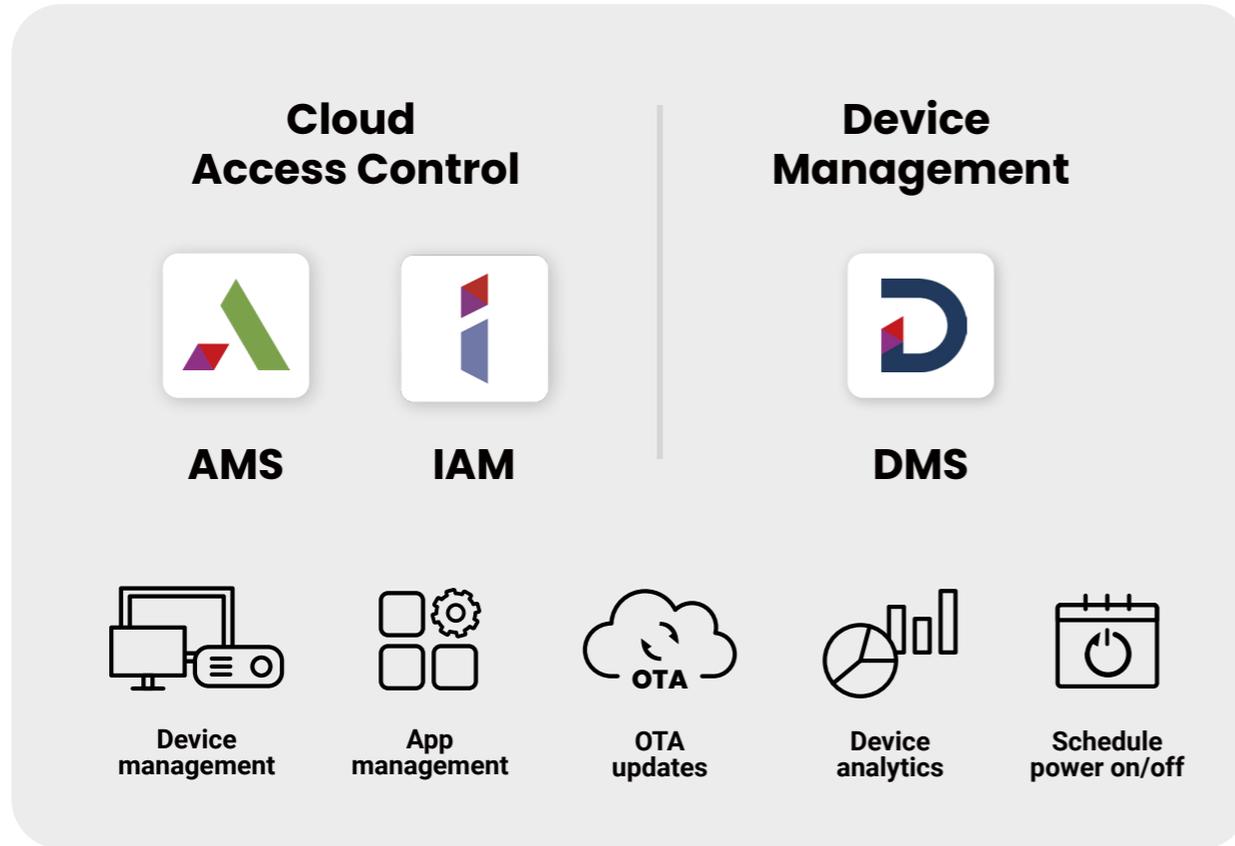
Easier to Interact and Engage

Thanks to the PointWrite Kit, BenQ Smart Projectors use the preloaded EZWrite Interactive software to transform projected images into a touchscreen whiteboard, allowing teachers and multiple students to collaboratively share, write and annotate.

*Only EW805ST supports the PointWrite Kit.

Centralized Cloud-Based Management

Cloud Access Control

AMS   **IAM**

Device Management

DMS

Device management   **App management**   **OTA updates**   **Device analytics**   **Schedule power on/off**

BenQ provides comprehensive management solutions for streamlined device and account management. Reduce IT workload and enhance productivity for school staff with a centralized user account provisioning portal and single sign-on.
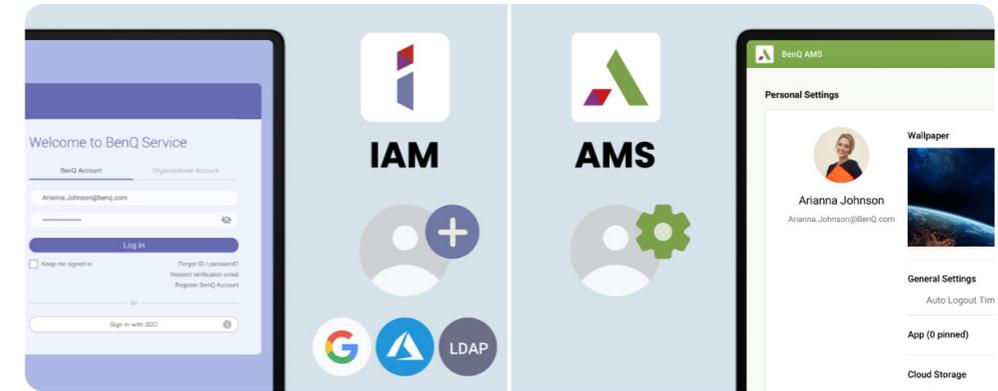
BenQ Cloud Access Control

BenQ AMS and IAM provide administrators with a convenient way to manage user permissions and grant teachers immediate access to their cloud accounts.
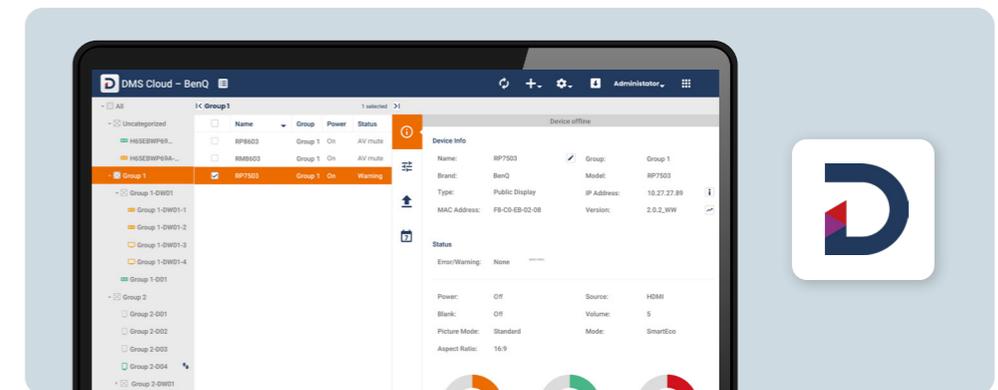
BenQ Device Management Solution

BenQ DMS Cloud tool makes it easy to control devices, manage apps, and push updates from a centralized dashboard. Increase productivity by reducing downtime and lowering ITS operational management costs.

BenQ SmartEco Technology

Maximized Savings, Uncompromised Performance

SmartEco

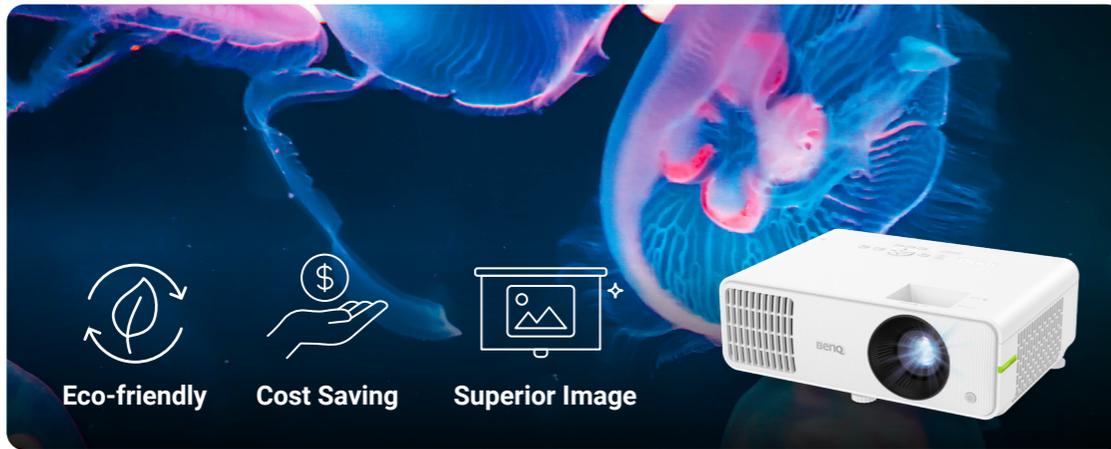BenQ next-gen SmartEco adjusts light power intelligently, saving 60% more energy than traditional Eco Mode. Laser tech saves an extra 23% compared to mercury lamps, with the device dimming to minimum power in 2 seconds.

Eco-friendly   **Cost Saving**   **Superior Image**

Eco	SmartEco™	Next-Gen SmartEco™
Power Saving Rate **15.5%**	Power Saving Rate **23.2%**	Power Saving Rate **61.8%**
Color Performance ★	Color Performance ★★	Color Performance ★★★
Contrast ★★	Contrast ★★★	Contrast ★★★

Save Power

1 year	5 years
175 (kWh)	**973** (kWh)

Save Money

1 year	5 years
80 (USD)	**401** (USD)

Save Earth

CO_2 1 year	5 years	tree 1 year	5 years	lamp 1 year	5 years
68 (kg)	**342** (kg)	**6** (tree no.)	**29** (tree no.)	**0.3** (lamp no.)	**1.3** (lamp no.)

* Note: The value is a conversion of actual measurements between EH700 and BenQ lamp projectors under the same picture quality performance.

BenQ DustGuard Technology
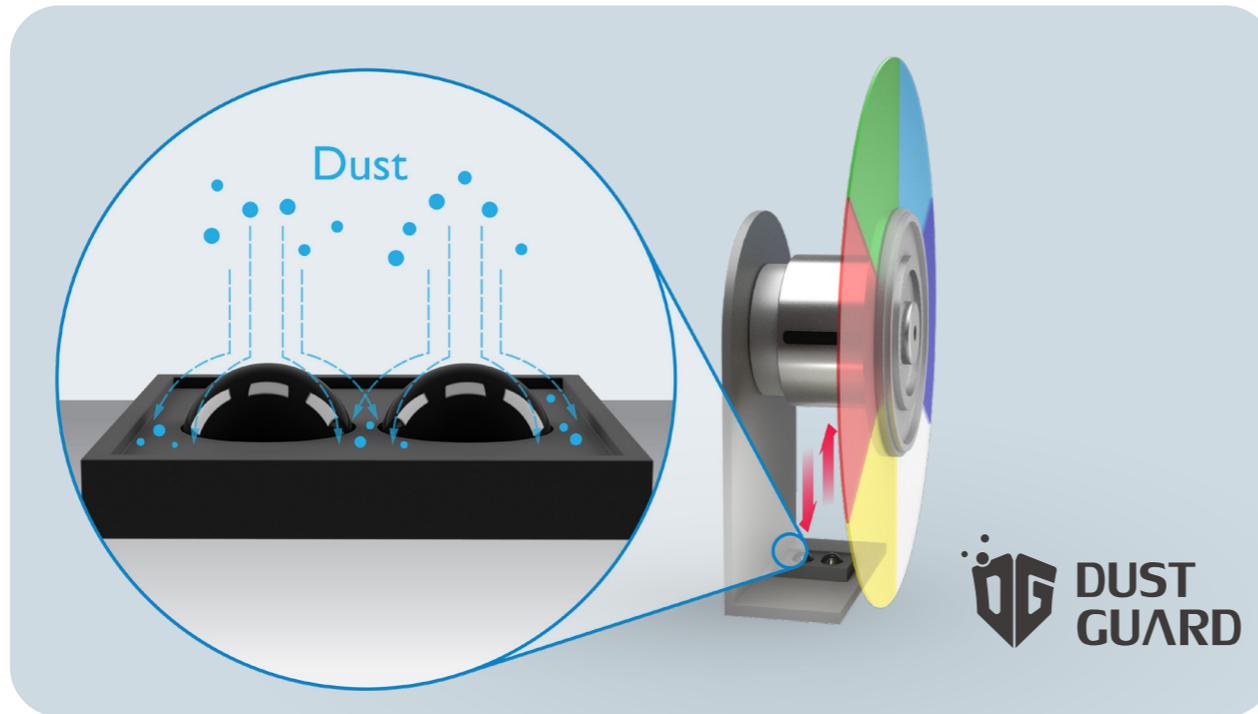
Auto Anti-Dust Design

An ingenious anti-dust design prolongs optional performance by repelling dust from blocking the IR signal and causing flickering or abnormal colors for worry-free maintenance.

Model	MX560	MS560	MW560	* New Smart EX605	* New Smart EW805ST
Light Source	Lamp	Lamp	Lamp	Lamp	Lamp
Light Source Life	Normal 6,000 hrs (default) / SmartEco 10,000 hrs / LampSave 15,000 hrs	Normal 6,000 hrs (default) / SmartEco 10,000 hrs / LampSave 15,000 hrs	Normal 6,000 hrs (default) / SmartEco 10,000 hrs / LampSave 15,000 hrs	Normal 6,000 hrs (default) / SmartEco 10,000 hrs / LampSave 15,000 hrs	Normal 6,000 hrs (default) / SmartEco 10,000 hrs / LampSave 15,000 hrs
Product Dimenstion (WxHxD) (mm) Net Weight (kg)	296 x 120 x 221 2.3	296 x 120 x 221 2.3	296 x 120 x 221 2.3	296 x 120 x 232 2.6	296 x 120 x 250 2.8
Smart OS Features	-	-	-	Smart Dashboard on OSD	Smart Dashboard on OSD
Brightness (ANSI Lumens) Resolution	4,000 XGA	4,000 SVGA	4,000 WXGA	4,000 XGA	3,600 WXGA
Aspect Ratio	4:3	4:3	16:10	4:3	16:10
Compatible Aspect Ratio	16:10, 16:9, 4:3, Auto, Real	16:10, 16:9, 4:3, Auto, Real	16:10, 16:9, 4:3, Auto, Real	16:10, 16:9, 4:3, Auto, Real	16:10, 16:9, 4:3, Auto, Real
Contrast Ratio (FOFO)	20,000:1	20,000:1	20,000:1	20,000:1	20,000:1
Throw ratio	1.49 ~1.64	1.49 ~1.64	1.49 ~1.64	1.96 ~2.15	0.49
Keystone Correction	1D, (Auto) Vertical ± 40 degrees	1D, (Auto) Vertical ± 40 degrees	1D, (Auto) Vertical ± 40 degrees	1D, (Auto) Vertical ± 40 degrees	1D, (Auto) Vertical ± 30 degrees
Zoom	1.1x	1.1x	1.1x	1.1x	1.1x
Corner Fit	-	-	-	-	-
Lens shift	-	-	-	-	-
Projection Offset (Full-Height)	110%	110%	100%	110%	105%
Connectivity	RCA x1, S-Video in mini DIN 4 pin x1, HDMI x2, USB-A x1	RCA x1, S-Video in mini DIN 4 pin x1, HDMI x2, USB-A x1	RCA x1, S-Video in mini DIN 4 pin x1, HDMI x2, USB-A x1	USB-A 2.0 (power supply for Reader or Peripherals) x3, HDMI x1, Screen Mirroring, Wireless Dongle Built-in	USB-A 2.0 (power supply for Reader or Peripherals) x3, HDMI x1, Screen Mirroring, Wireless Dongle Built-in, RJ45 LAN Control
Speaker Output	5w	5w	5w	5w	5w
Other Features	-	-	-	Android 9 built-in, Support WPS Office, Slideshow, Use Keyboard/mouse to control the display, BenQ Device Management Solution (DMS)	Android 9 built-in, Support WPS Office, Slideshow, Use Keyboard/mouse to control the display, BenQ Device Management Solution (DMS), Scheduling on & off
Spilt Screen	-	-	-	4	4
Screen Mirroring	-	-	-	Driver Free Airplay & Miracast, Chromecast, InstaShare 2, Casting Permission	Driver Free Airplay & Miracast, Chromecast, InstaShare 2, Casting Permission
Interactive Point Write	-	-	-	-	Yes

Model	MH733	LH730	* New Smart EH700
Light Source	Lamp	SSI	SSI
Light Source Life	Normal 4,000 hrs (default) / SmartEco 8,000 hrs / LampSave 15,000 hrs	Normal 20,000 hrs (default) / SmartEco 20,000 / Eco 30,000 hrs	Normal 20,000 hrs / SmartEco 20,000 hr (default) / Eco 30,000 hrs
Product Dimenstion (WxHxD) (mm) Net Weight (kg)	296 x 120 x 221 2.5	420 x 132 x 287 5.3	304 x 112 x 241 3.0
Smart OS Features	-	-	Next-Gen SmartEco technology, TUV certified PCR material used, Smart Dashboard on OSD
Brightness (ANSI Lumens) Resolution	4,000 1080p	4,000 1080p	4,000 1080p
Aspect Ratio	16:9	16:9	16:9
Compatible Aspect Ratio	16:10, 16:9, 4:3, Auto, Real	16:10, 16:9, 4:3, Auto	16:10, 16:9, 4:3, Auto
Contrast Ratio (FOFO)	16,000:1	500,000:1	3,000,000:1
Throw ratio	1.15 ~1.5	1.3 ~ 1.56	1.15 ~1.5
Keystone Correction	2D, (Auto) Vertical ± 30 degrees; Horizontal ± 20 degrees	2D, (Auto) Vertical ± 30 degrees; Horizontal ± 30 degrees	2D, (Auto) Vertical ± 40 degrees; Horizontal ± 40 degrees
Zoom	1.3x	1.2x	1.3x
Corner Fit	Yes	Yes	Yes
Lens shift	-	-	-
Projection Offset (Full-Height)	115%	91.7%	105.5%
Connectivity	USB-A 2.0 (power supply for Reader or optional Wireless Dongle) x2, HDMI x2, RJ45	USB-A 2.0 (power supply for Reader or optional Wireless Dongle) x2, HDMI x2, RJ45	USB-A 2.0 (power supply for Reader or Peripherals) x3, HDMI x2, Screen Mirroring, Wireless Dongle Built-in, RJ45 LAN Control
Speaker Output	10w	10w	10w
Other Features	Support WPS Office, Slideshow, BenQ Device Management Solution (DMS)	Support WPS Office, Slideshow, BenQ Device Management Solution (DMS)	Android 9 built-in, Support WPS Office, Slideshow, Use Keyboard/mouse to control the display, BenQ Device Management Solution (DMS), Schedule on&off
Spilit Screen	4 (Optional)	4 (Optional)	4
Screen Mirroring	Driver Free Airplay & Miracast, Chromecast (Optional)	Driver Free Airplay & Miracast, Chromecast (Optional)	Driver Free Airplay & Miracast, Chromecast, InstaShare 2, Casting Permission
Interactive Point Write	-	-	-

**Shape
the *Future*
of Learning**

BenQ