

# Inspire the now, teach the future

Education Solutions from BenQ 2021







Education Solutions

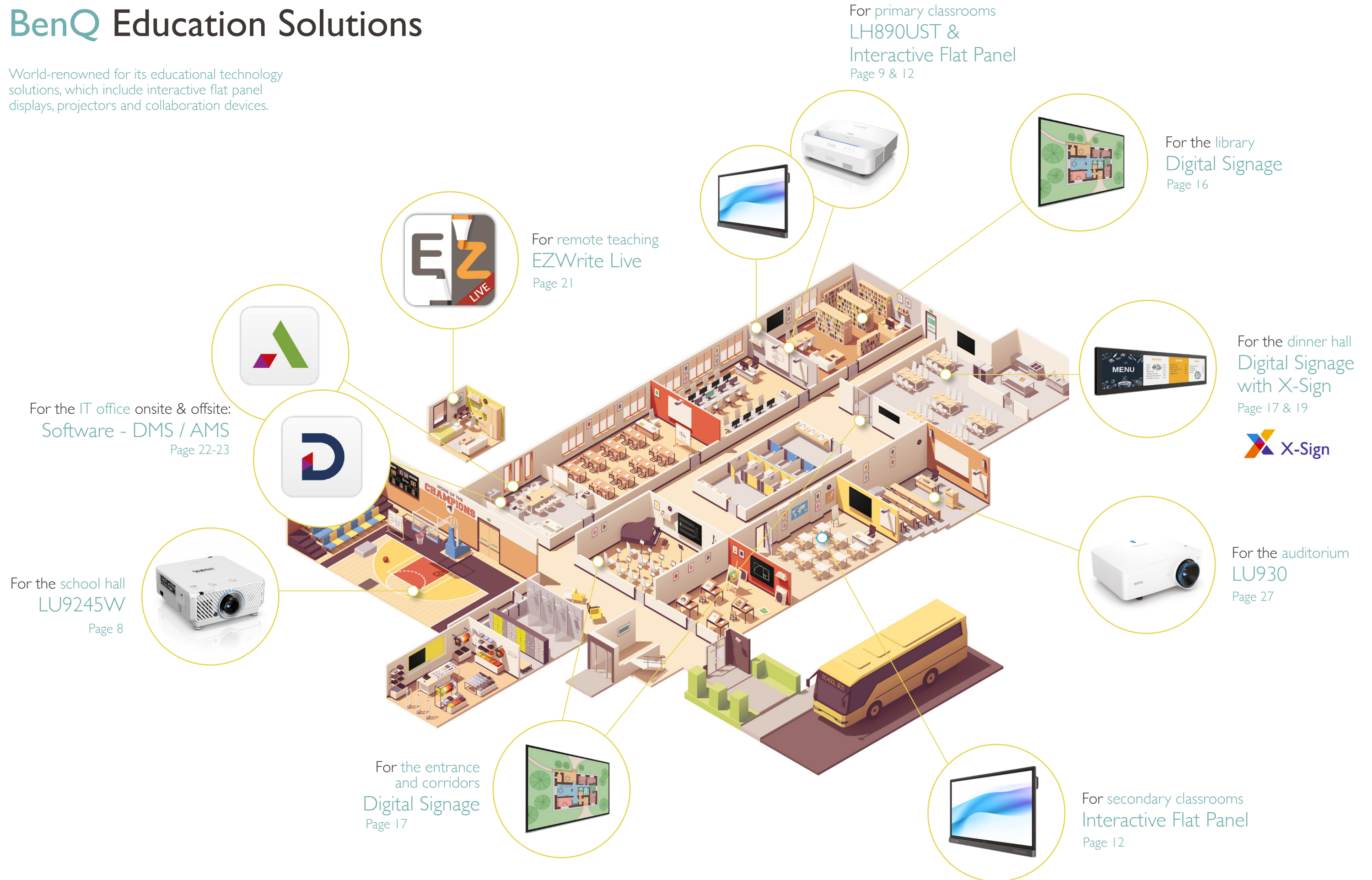
Interactive experiences  
Immersive environments  
Engaging information

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# BenQ Education Solutions

World-renowned for its educational technology solutions, which include interactive flat panel displays, projectors and collaboration devices.





# Projection Solutions



The latest projection technology from BenQ is breathing new life into legacy projection systems, transforming existing environments into new learning hubs.

Stegosaurus  
Late Jurassic Period ~ 157-1  
Clade: Dinosauria  
hischia  
auridae



Pair your projector with BenQ's InstaShow device for instant presentations. Perfect for one click wireless presentation from multiple devices..

Find out more, turn to page 24



Monitor and manage all projectors across the entire site from one location when using BenQ's DMS software - saving time for busy network managers.

Find out more, turn to page 22



For small spaces and big ideas...



## EW800ST



BenQ's EW800ST Smart Interactive Classroom Projector is the perfect solution for creating a flexible and diverse teaching environment. With the built-in Android system, your teachers can break away from outdated teaching methods and embrace teaching styles that encourage creativity and foster a better learning environment.

### Features

- WXGA resolution
- Short throw smart projector
- Brightness 3,300 lumens
- Built-in Android system
- Wireless projection from any device
- WPS support
- LAN control compatibility
- Built-in 10W speaker

## MH856UST+



For throw-distances less than 0.5 metres, the MH856UST+ ultra short throw projector provides up to a 100" image for front of class teaching.

MH856UST+ offers optional pen and touch interactivity options that transform any flat surface into a canvas with new learning opportunities.

### Features

- Brightness 3,500 lumens
- Ultra-short throw projector
- Compatible with network control via LAN
- Built-in 10W speaker



For clarity right to the back of the room



For interactivity that brings lessons to life



## LU9245W



Large venue

At 7,000 ANSI lumens, the LU9245W is the brightest screen choice for large venue applications, including assembly halls, lecture theatres and gymnasiums.

Featuring BenQ's BlueCore laser technology, it supports 360° installation - portrait included - and 24/7 operation with dramatically improved durability for various application types. Moreover, it delivers superior colour performance through a dual colour wheel system.



### Features

- High brightness 7,000 ANSI lumens
- Bluecore laser technology
- Rec.709 colour space 96%
- WUXGA resolution
- 7 lens options
- Lens shift
- 50" - 500" image
- 2 x HDMI
- HDBaseT
- Warranty 5 years / 20,000hrs



## LU710

Leveraging the industry-leading BlueCore laser technology, BenQ's LU710 laser projector is capable of projecting the best quality images during presentations. Equipped with DustGuard™ IP5X seal engine, LU710 significantly reduces service costs and brightness decay downtime. The 1.3x zoom allows LU710 to be mounted anywhere from 3 to 4 meters from the screen and project images of 100".



### Features

- WUXGA resolution
- 4,000 ANSI lumens high brightness
- 2D keystone & corner fit
- LAN control compatibility
- Built-in 20W speaker
- DustGuard™ IP5X sealed Engine



## LH890UST



Interactive

Combining interactive and BlueCore laser technology, the LH890UST encourages student participation and active learning with the power of touch.

The ultra-short throw projector produces high-quality Full HD images when installed just inches from the flat projection surface, eliminating shadows and glare.



### Features

- Ultra-short throw
- 1080P resolution
- BlueCore laser technology
- Industry-leading dust proof design: BenQ DustGuard™
- 4,000 ANSI lumens high brightness
- 10,000:1 high native contrast for crisp readability
- PointWrite pen and touch interactivity kit (optional)



## LW820ST



Interactive

BenQ's LW820ST utilises the unparalleled qualities of a laser light source with the industry-leading BlueCore laser technology to achieve optimized performance, long-lasting reliability, energy efficiency and environmentally friendly choice for the leading school. The officially IP5X certified dustproof engine guarantees the safety of the projector for years to come.



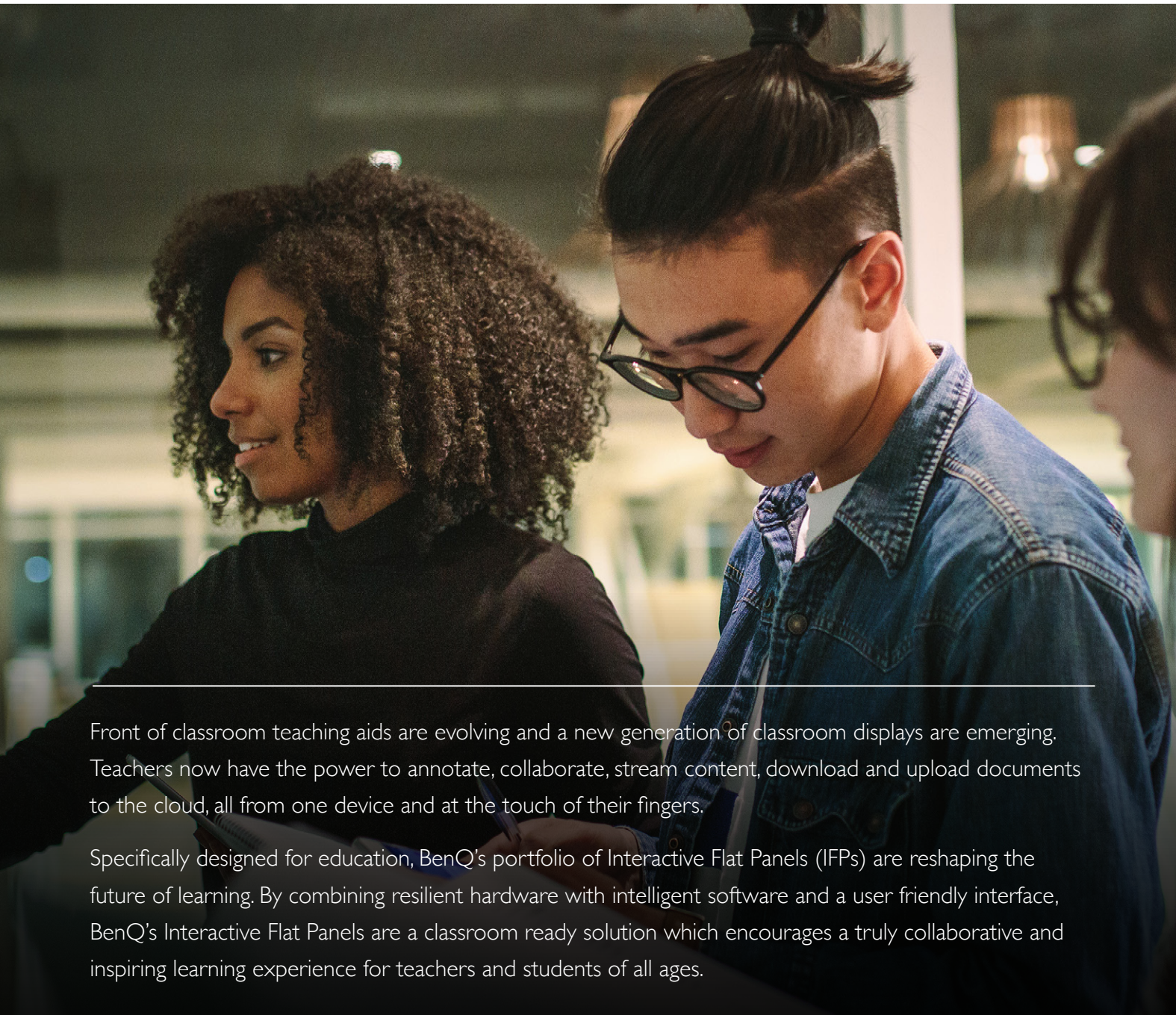
### Features

- WXGA resolution
- Short throw projector
- Brightness 3,600 ANSI lumens
- 2D keystone & corner fit
- Interactivity module compatibility
- LAN control compatibility
- Built-in 10W speaker
- DustGuard™ IP5X sealed Engine





# Interactive Flat Panels



Front of classroom teaching aids are evolving and a new generation of classroom displays are emerging. Teachers now have the power to annotate, collaborate, stream content, download and upload documents to the cloud, all from one device and at the touch of their fingers.

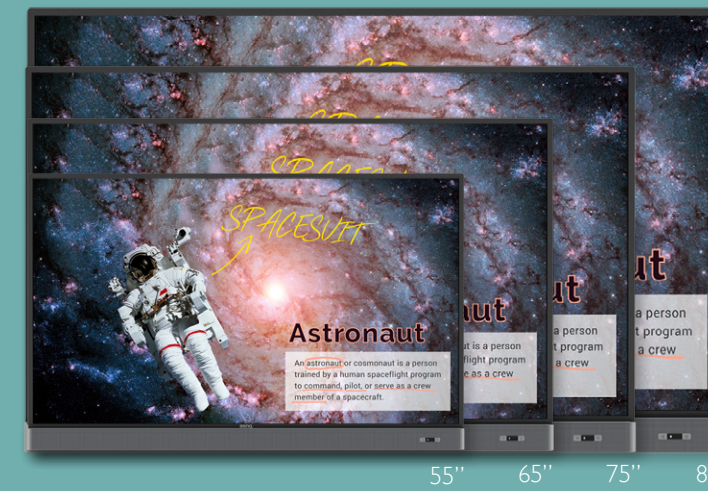
Specifically designed for education, BenQ's portfolio of Interactive Flat Panels (IFPs) are reshaping the future of learning. By combining resilient hardware with intelligent software and a user friendly interface, BenQ's Interactive Flat Panels are a classroom ready solution which encourages a truly collaborative and inspiring learning experience for teachers and students of all ages.

## Remote administration and security

IT managers and administrators have the freedom to manage and maintain the BenQ IFPs from a remote location. The system provides an efficient and convenient way of managing accounts on BenQ IFPs and provides personal workspaces to each member of staff, which can be accessed from the cloud.

# RM Series

55" (RM5502K) 65" (RM6502K) 75" (RM7502K) 86" (RM8602K)



## Introducing the new RM Series

A perfect solution for Primary, Secondary and Higher Education institutions looking to integrate Interactive Flat Panels into its teaching. The latest additions to the RM series are bursting with features including BenQ's exclusive EZWrite 5 software, Account Management System (AMS) and presenting and collaboration tools.



### Exclusive EZWrite 5 software

The leading cross platform annotation solution for interactive and collaborative classroom scenarios. Easily share ideas, notes and opinions while working on the same whiteboard from anywhere.



### AMS cloud storage

BenQ's Account Management System (AMS) provides personalised workspaces that can be accessed by a simple QR code login giving teachers and lecturers quick access to teaching materials.



### InstaShare wireless collaboration software

Share content from any device using BenQ's Instashare collaboration software. The screen can be split to allow up to nine students to participate from anywhere in the room.



### Eye-Care solution

The Eye-Care solution functions intuitively for a smooth and comfortable viewing experience. The BenQ Education IFP features Flicker-Free and Low Blue Light modes to safeguard the user's health.

### X-Sign Broadcast

This easy-to-use content creation and communication program can broadcast the school logo, parents evening information or emergency updates to one or more of the BenQ Premium Series displays at the click of a button. Share local or cloud based content - text, images, video, office files, YouTube and more.



Find out more, turn to page 19

## Features

- 4K resolution
- 20-point multi-touch
- Zero Bonding Technology
- 32GB storage
- 2 x 16W speakers
- Multiple connectivity inputs
- Low power consumption
- Cross-platform agnostic
- WiFi compatible
- EZWrite 5
- 4K Android OS
- Voice control
- Wall bracket
- Remote control
- Pens
- AMS
- DMS

## Additional benefits

- 3 years warranty on-site exchange (4<sup>th</sup> and 5<sup>th</sup> years are optional and depend on region)
- Service and support

Wall mount included



Germ-Resistant Screen



TÜV-certified Low Blue Light Technology



TÜV-certified Flicker-Free Technology



Anti-Glare Display Technology



# RP Series

65" (RP6502) 75" (RP7502) 86" (RP8602)



## Hassle-free Learning Experiences

For educational institutions looking for Interactive Flat Panels with advanced features, BenQ's premium RP series allows for an engaging, interactive and hassle-free learning and collaboration experience. In addition, it ensures that your teaching activity is carried out in a healthier environment, thanks to the embedded ClassroomCare® technology.



### ClassroomCare® for Education

The exclusive ClassroomCare® technology, featured in BenQ's RP series, consists of three elements that are fundamental to safeguarding the health of users. Integrated Air Quality Sensors indicate key environmental parameter data in real time. The Germ-Resistant screen eliminates bacteria on its surface, thus preventing a possible spread of infections in the classroom. The Smart Eye-Care solution for vision protection is activated automatically when the IFP detects movement of the users.



Air Quality Sensor



Germ-Resistant



Smart Eye-Care Solution



### NFC Reader

Allow access to RP interactive displays with an NFC card, without problems. When you bring an NFC card (loaded with data and user profile) close to the NFC sensor integrated in the displays, the log-in is automatic and you have immediate access to your personalised workspace.



### Handwriting Recognition with Fine IR Plus

Zero Bonding technology and Fine IR Plus, ensure the most natural handwriting experience and character recognition ever. Fast touch response of up to 4ms\* allows for fast, uninterrupted writing. \*Check page 13 for more information



### X-Sign Broadcast

This easy-to-use content creation and communication programme can broadcast the school logo, parents evening information or emergency updates to one or more of the BenQ Premium Series displays at the click of a button.



### DMS (Device Management Solution)

Control service updates and device management across single or multiple displays from a remote location via a local network or the Cloud.

## Features

- 4K resolution
- 32GB storage
- 20-point multi-touch
- NFC card reader
- Wall bracket
- Remote control
- Multiple connectivity inputs
- Fine IR Plus
- Zero-Bonding (touch)
- Built-in motion sensor
- 2x 16W speakers
- 15w subwoofer
- WiFi compatible
- Low power consumption
- ClassroomCare®
- EZWrite 5
- InstaShare compatible
- Handwriting recognition
- Floating toolbar
- MS Office compatibility
- Screen & Audio recording
- Built-in array microphones (x8)
- Cross platform agnostic
- AMS
- DMS
- Training

## Additional benefits

- Service and support
- 3 years warranty on-site exchange (4<sup>th</sup> and 5<sup>th</sup> years are optional and depend on region)
- Pens



# Interactive Flat Panel Comparison



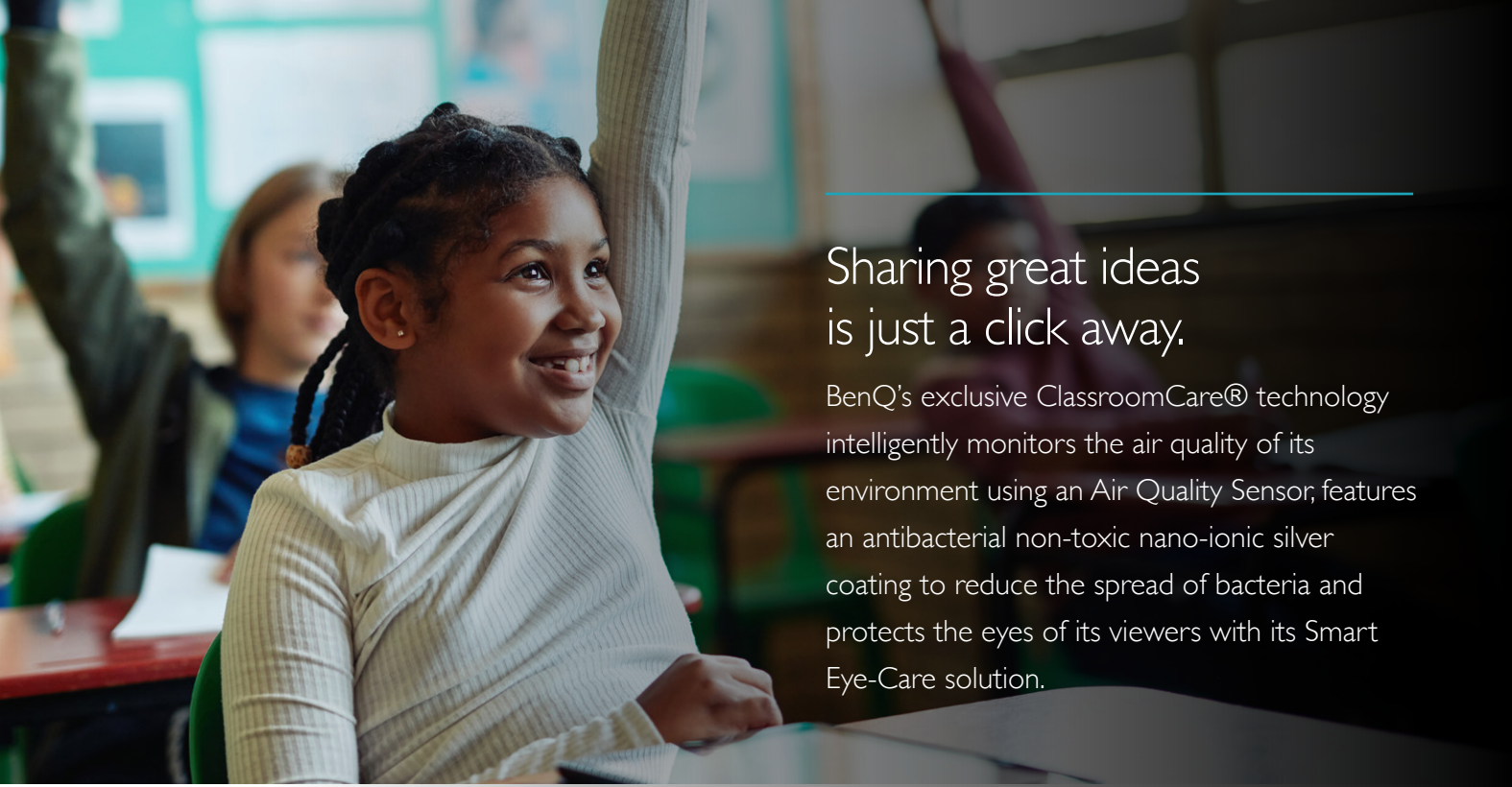
Range	RM02S Series	RM02K Series	RP02 Series
Sizes (inches)	65, 75, 86	55, 65, 75, 86	65, 75, 86
Resolution	4K UHD (3840x2160)	4K UHD (3840x2160)	4K UHD (3840x2160)
User Interface	2K	4K	4K
Memory / Storage	3G / 32GB	4G / 32GB	4G / 32GB
Interactive Technology	IR	Fine IR	Fine IR Plus
Touch Response Time (Continuous/First)	≤ 10ms / 10ms	≤ 15ms / 8ms	≤ 8ms / 4ms
Writing Touch Points (max)	20	20	20
Touch Accuracy	±2.0mm	±1.0mm	±1.0mm
Anti-Glare	✓	✓	✓
Tempered Glass (Thickness   Hardness)	4mm   9H	4mm   9H	4mm   9H
Internal Speaker	16Wx2	16Wx2	16Wx2 + 15Wx1 subwoofer
Built-in microphone	✗	✗	✓
Saffi (voice control)	✗	✓	✓
NFC Reader	✗	✗	✓
InstaShare	4-split screen	9-split screen	9-split screen
AMS	✓	✓	✓
DMS	✓	✓	✓
X-Sign Broadcast	✓	✓	✓
Annotation APP	EZWrite 5	EZWrite 5	EZWrite 5
Germ-Resistant Screen	✓	✓	✓
Eye-Care Technology	Eye-Care	Eye-Care	Smart Eye-Care
CO2 Sensor	✗	✗	✓
Wall Mount Included	✓	✓	✓
Remote control - freeze/blank	✓	✓	✓
Pens	✓	✓	✓
Wifi Connectivity*	✓	✓	✓
OPS Slot	✓	✓	✓
Warranty**	3 years warranty on-site exchange	3 years warranty on-site exchange	3 years warranty on-site exchange

\* Dongle purchase required \*\*May vary per region



# ClassroomCare®

## Wellbeing for education



Sharing great ideas is just a click away.

BenQ's exclusive ClassroomCare® technology intelligently monitors the air quality of its environment using an Air Quality Sensor, features an antibacterial non-toxic nano-ionic silver coating to reduce the spread of bacteria and protects the eyes of its viewers with its Smart Eye-Care solution.

## Ensure the learning is contagious

An antibacterial, non-toxic, nano-ionic silver coating kills bacteria, blocking the spread of germs. So rest assured that however hands-on the lesson, knowledge will be the only takeaway.



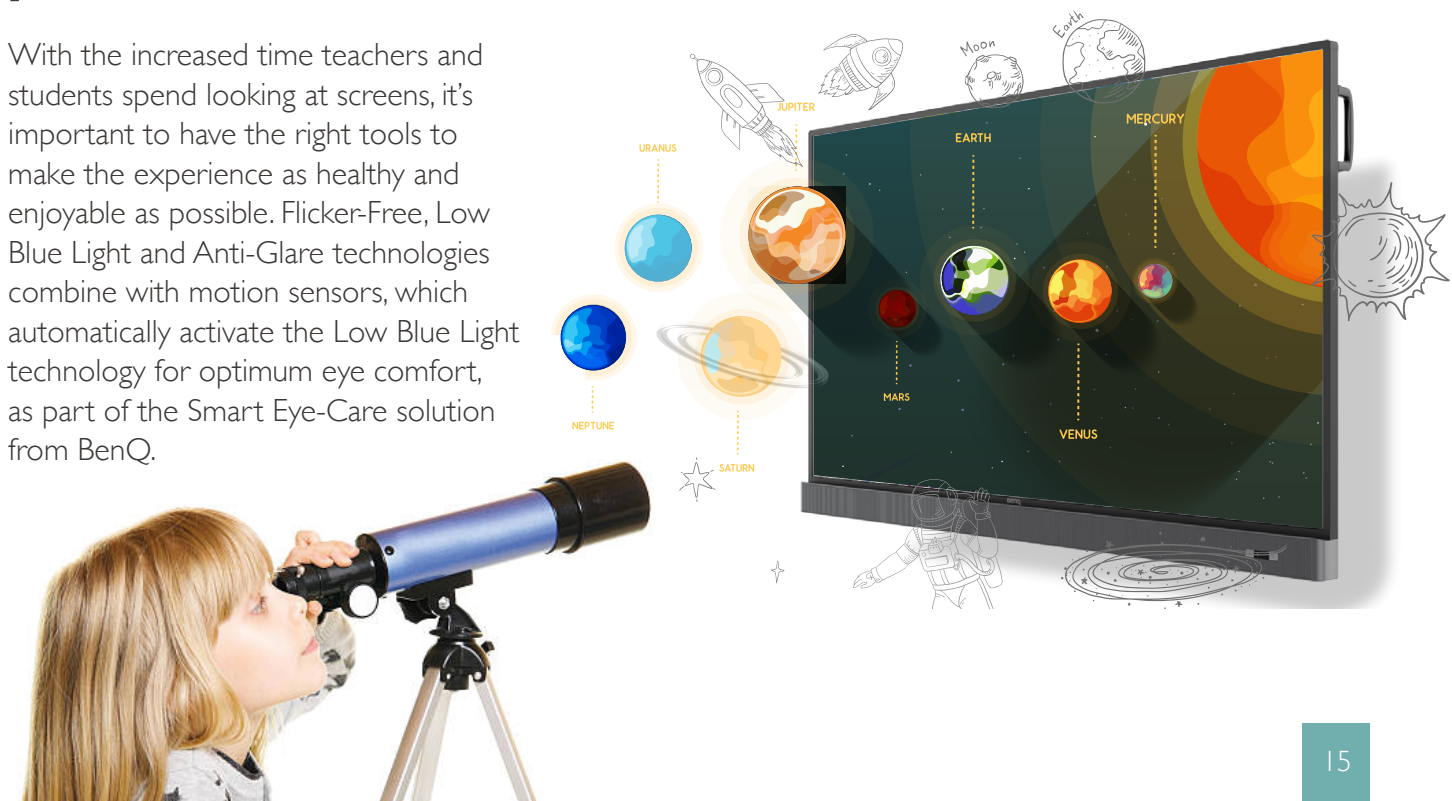
## Fresh air for fresh minds

The World Health Organization (WHO) states that aerosols can spread quickly through closed spaces with poor ventilation, like classrooms, to pose a significant health risk. That is why BenQ IFP boasts several Air Quality Sensors, which provide real-time data on key environmental parameters by detecting temperature, humidity, and monitoring PM 2.5, PM10 and CO<sub>2</sub> concentration levels. The sensors remind teachers to adopt necessary measures to keep the environment at an ideal status, ensuring that students remain highly focussed while enjoying a classroom with a low risk of spreading viruses.



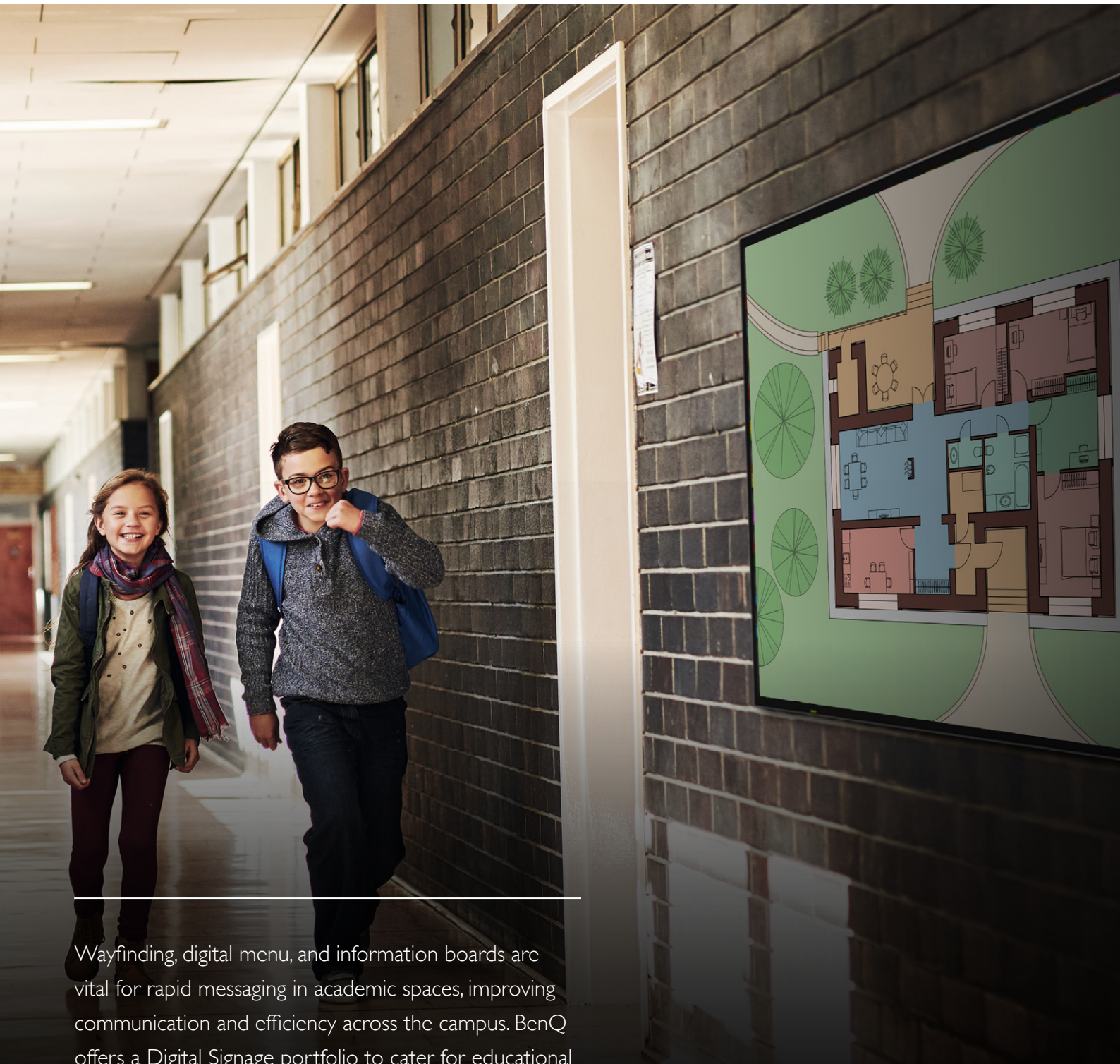
## Eye-care because you care

With the increased time teachers and students spend looking at screens, it's important to have the right tools to make the experience as healthy and enjoyable as possible. Flicker-Free, Low Blue Light and Anti-Glare technologies combine with motion sensors, which automatically activate the Low Blue Light technology for optimum eye comfort, as part of the Smart Eye-Care solution from BenQ.





# Digital Signage



Wayfinding, digital menu, and information boards are vital for rapid messaging in academic spaces, improving communication and efficiency across the campus. BenQ offers a Digital Signage portfolio to cater for educational facilities of all shapes and sizes.

## Digital menu



### Features

- High brightness at 1000 nits
- Unique format
- DMS compatible
- Plug-and-play
- 24/7 non-stop operation

## BH2801 & BH3801

The unique long-structure of the BH2801 and BH3801 Stretch Display is specially designed to encourage signage in areas restricted in space. Crafted with an exquisite stretched screen, the BH Series can be seamlessly integrated into small and narrow spaces in portrait or landscape orientation.

The Stretch Display's ultra-bright 1000 nit screen ensures images remain sharp and crisp even under ambient light. Moreover, the BH Series also features internal speakers and USB plug-and-play support, so you can deliver impactful audiovisual messages in compact spaces with minimal installation.

## Information boards



### Features

- Quick content creation
- Over 180 built-in templates
- 4K resolution
- Centralised control via DMS
- USB, LAN & Cloud content distribution options
- Built-in Android media player

## ST02 Series

Deliver the right content with the ST02 series Digital Signage. Its built-in Android media player, combined with BenQ's exclusive X-Sign and DMS software, provides the perfect solution for quick content creation and distribution.

Connect to the site network and use BenQ's X-Sign CMS to create, manage and schedule content.

BenQ's signage solutions feature its exclusive X-Sign software for content creation, sending messages, alerts and media to all your screens simultaneously and remotely.

Find out more, turn to page 22





# Exclusive BenQ Software



BenQ's exclusive software is designed to help teachers and IT professionals keep learning sessions engaging and safe. With the help of remote facilities, single or multiple displays can be monitored, maintained and sent updates, as well as providing lecturers and teachers with hassle-free access to documents and files saved on the cloud.

# X-Sign Broadcast & X-Sign

Hassle-free content creation, scheduling and management software

Communication is key to ensuring the successful operation of any campus. By removing the complexity from sending messages, the BenQ X-Sign software range is designed to improve communication by wirelessly broadcasting announcements directly to your display technology.

Built into BenQ's display panels, the software lets you create, manage and broadcast classroom content, digital menu boards, wayfinding and emergency alerts from any device. Creating an engaging and safe learning environment has never been easier.



## X-Sign Broadcast



Integrated into BenQ's Interactive Flat Panel.



Send scrolling text or full screen alerts  
Send informative ticketing alerts across the top and bottom of the screen, or as full screen messages.



Access and share saved content  
Easily share content that's stored either locally or in the Cloud, with support for text, images, videos, office files, YouTube and more.

## X-Sign



Integrated into BenQ's Digital Signage solutions.



X-Sign Player  
Playback software built into every BenQ Digital Signage display.



180+ templates  
Design your own content or choose and modify from over 180 layout templates, ensuring personalised content is delivered across your establishment.

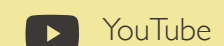
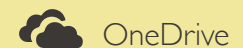
## Featured in X-Sign Broadcast

- Easy-to-manage system
- Multimedia support
- Access from any Android smart device or X-Sign-compatible display
- Send messages in an instant
- Schedule messages
- Cloud or LAN connectivity
- Single or multiple display grouping function
- Time saving
- Administrator management
- Remote management



## Multimedia support

X-Sign Broadcast makes it easy to share content that's stored either locally or in the cloud, with support for text, images, videos, office files, YouTube and more.





# EZWrite

The ultimate BenQ digital whiteboard software



# EZWrite Live

Bridging the gap between the classroom and learning remotely



For in-lesson collaboration, BenQ's EZWrite software streamlines classroom discussions, enabling academics and students to easily share ideas, notes and opinions as if they are annotating on the same whiteboard, regardless of where they are.

With Cloud storage and collaboration tools, EZWrite offers a plethora of teaching tools that will help every class go smoothly and create a better learning environment.

Whether teaching from the classroom or from home, the feeling of working on a whiteboard is now available from anywhere with EZWrite Live. This cloud whiteboard can be accessed from personal devices for up to 32 students, just as if they were all in the classroom together. Requiring no download or installation, EZWrite Live is compatible with any device using Chrome, Firefox or Safari web browsers.



## Teaching assistance

Whiteboarding, Cloud brainstorming tools and sticky notes encourage collaboration and makes it easy for students to collect, categorise, edit and share notes between the display and mobile devices.



## Instant access to the Cloud

Real-time annotation enables teachers and students to interact simultaneously.



Google Drive



OneDrive



Dropbox



## Floating toolbar

Floating Tool lets academics easily switch between a wide variety of writing tools, make notes and draw directly on top of any source, app, image, document or video.



## Real-time Cloud whiteboard

Share documents and mixed media instantly and encourage group annotation from tablets, desktop computers, laptops and mobile devices from a secure workspace.



## Use templates

Choose from 15 pre-installed templates or customise your own to suit your needs.



## Present using video conferencing

With integrated video conferencing facilities, the sessions simulates the classroom experience, further boosting interactivity.



Sticky notes



Palm eraser



Screen capture



Screen record



Personalised background



Brush mode



Handwriting recognition



## Record sessions

Record the collaborative sessions to use again and again.



## Access existing whiteboards

Pick up where you left off on the last session by loading existing whiteboards.



## Real-time annotation

Real-time annotation enables teachers and students to interact simultaneously.



## Admin control

Admin settings lets teachers take control of the class by turning on/off students' editing-access of the Cloud whiteboard.



## Zero cost

Free web-based software installation.



## Cross-platform

Windows, Mac, iOS, Android Supported.





# DMS (Device Management Solution)

A comprehensive management tool



# AMS (Account Management System)

Effortless control over user profiles



BenQ's exclusive management support system leaves IT departments and school administrators feeling confident knowing their technology, staff and students can be safely monitored onsite or from afar.

The Account Management System (AMS) from BenQ allows teachers and lecturers to move freely between classrooms and have hassle-free access to personal documents and settings from any RP Series display onsite.

- Power On/Off
- Monitor all devices
- Cross-Subnet device control
- Task management
- Monitor power consumption
- Customised command
- Identification



## DMS Local

DMS Local enables remote and centralised management of multiple displays by IT administrators/technicians via a local network.

DMS Local's management capabilities include the ability to monitor, control and configure displays individually or as groups across the site.

## DMS Cloud

For network managers looking after multiple sites, DMS Cloud lets you control, maintain and service all displays from a remote offsite location via a web browser interface.

- Easy set up**  
Personal preferences including home screen layout, shortcuts, and app settings can be set within the AMS software, which then loads instantly every time you access your work spaces from any AMS enabled IFP in your establishment, giving true personalisation of your class display.
- Pair cloud storage accounts**  
AMS also lets you pair personal cloud storage to gain access to saved files.
- NFC Reader**  
Provide hassle-free access to IFPs with just a touch of an NFC card\* or compatible staff ID cards.  
\*RP Series only
- IT / Administration**  
Additionally, AMS also provides an effortless way for IT staff to create and manage AMS accounts taking ease of classroom display management to a whole new level.





# InstaShow™ Plug & Play Wireless Presentation Solution



Sharing great ideas is a click away. Connectivity compatibility, missing wires, security threats and time consuming set-up can often result in a lack of collaboration. BenQ has removed these frustrations with its InstaShow™ series by removing software downloads, building in high-speed WiFi to the device, offering a range of connectivity and trustworthy security protection.

Utilise InstaShow™ for lecture rooms, assembly halls or gymnasium technology to transform these spaces and save costs on additional wiring.

Future-proofed for tomorrow's interactive lessons and meetings, the InstaShow™ WDC20 is compatible with any OS or hardware platform, going beyond PC/laptop compatibility to support any iOS or Android mobile device.

Freeing you from cables and adapters, BenQ InstaShow™ Wireless Presentation System is intuitive to use, smooth in its wireless transmissions for multi-person presentations and group discussions and secure to safeguard against any security threats.

## InstaShow™ Family



### WDC10 series

- Connects up to 16 buttons simultaneously
- HDMI & USB version available - WDC10
- Type-C version available - WDC10C
- Video or presentation mode switch
- Transmission distance: 8m



### WDC20 series

- Connects up to 32 buttons simultaneously
- HDMI & USB version available – WDC20
- Type-C version available – WDC20C
- iOS / Android Mobile Device compatibility
- Compatible with InstaShare app for mobile devices
- Active split-screen collaboration for up to 4 devices
- Touch back supported
- Transmission distance: 15m

## Features

- True plug & play
- Simple pairing
- Video & audio sharing
- Assured performance
- No Drivers needed
- Low Latency
- Auto WiFi Channel Selection
- Extended Desktop
- Up to 4K resolution, WDC20
- 4 Split Screen, WDC20
- IFP/USB HID Devices Touch back, WDC20
- Optimal intelligent resolution matching, WDC20
- InstaShare APP for iOS/Android
- AirPlay for iOS Wireless Projection, WDC20

## Trustworthy Security Protection

- AES 128-bit security encryption
- WPA2 enterprise level
- Certified secure against CVSS v3 standard
- Information Security with ISO27001 Certification



## Wireless Presentation Solution



Model name	InstaShow™ WDC10	InstaShow™ WDC10C	InstaShow™ WDC20	InstaShow™ WDC20C
Support platform	Windows, MAC, Chrome. Any OS supports HDMI standard 1.4	Windows, MAC, Chrome. Any OS supports USB Type-C DisplayPort Alt Mode	Windows, MAC, Chrome. Any OS supports HDMI standard 1.4	Windows, MAC, Chrome. Any OS supports USB Type-C DisplayPort Alt Mode
Frame rate	Up to 60 fps depending on environment (FHD)	Up to 60 fps depending on environment (FHD)	Up to 60 fps depending on environment (FHD)	Up to 60 fps depending on environment (FHD)
Output resolution	800 x 600, 1280x720 (720P), 1024x768 (XGA), 1280x768, 1280x800(WXGA), 1280x1024, 1280x960, 1360x768, 1440x900, 1400x1050, 1680x1050, 1920x1080(1080p)	800 x 600, 1280x720 (720P), 1024x768 (XGA), 1280x768, 1280x800(WXGA), 1280x1024, 1280x960, 1360x768, 1440x900, 1400x1050, 1680x1050, 1920x1080(1080p)	720x480, 720x576, 1280x720, 1920x1080 (1080p), up to 3840x2160(30Hz)	720x480, 720x576, 1280x720, 1920x1080 (1080p), up to 3840x2160(30Hz)
Input resolution	Up to 1920x1080	Up to 1920x1080	Up to 1920x1080	Up to 1920x1080
Simultaneous connections	16 pcs	16 pcs	32 pcs	32 pcs
Sources simultaneous on screen	1 user	1 user	4 users	4 users
Audio	Stereo, Radio quality 16bits 48KHz	Stereo, Radio quality 16bits 48KHz	Stereo, Radio quality 16bits 48KHz	Stereo, Radio quality 16bits 48KHz
Wireless	IEEE 802.11ac, 5GHz, 2T2R	IEEE 802.11ac, 5GHz, 2T2R	IEEE 802.11ac, 5GHz, 2T2R / IEEE 802.11n, 2.4GHz, 2T2R	IEEE 802.11ac, 5GHz, 2T2R / IEEE 802.11n, 2.4GHz, 2T2R
Data rate wireless	Up to 867Mbps	Up to 867Mbps	Up to 867 + 300Mbps	Up to 867 + 300Mbps
Authentication protocol	WPA2 (WPA2-PSK (Pre-Shared key) / WPA2-Enterprise)	WPA2 (WPA2-PSK (Pre-Shared key) / WPA2-Enterprise)	WPA2 (WPA2-PSK (Pre-Shared key) / WPA2-Enterprise)	WPA2 (WPA2-PSK (Pre-Shared key) / WPA2-Enterprise)
Security (encryption)	AES 128 bit	AES 128 bit	WPA2 Personal (AES 128 bit)	WPA2 Personal (AES 128 bit)
Reach	Max. 8m between Button and Host	Max. 8m between Button and Host	Max. 15m between Button and Host	Max. 15m between Button and Host
Temperature range	Operating: 0°C to +40°C (+32°F to +104°F) Storage: -10°C to +60°C (+14°F to +140°F)	Operating: 0°C to +40°C (+32°F to +104°F) Storage: -10°C to +60°C (+14°F to +140°F)	Operating: 0°C to +40°C (+32°F to +104°F) Storage: -10°C to +60°C (+14°F to +140°F)	Operating: 0°C to +40°C (+32°F to +104°F) Storage: -10°C to +60°C (+14°F to +140°F)
Dimension	Button: 84.5x188.3x19.9mm Host: 110x110x27mm (99mm with antenna) Cradle: 85x97.5x170.4 mm	Button: 84.5x188.3x19.9mm Host: 110x110x27mm (99mm with antenna) Cradle: 85x97.5x170.4 mm	Button: 67x67x24.2mm (without wire) 81x291x24.2mm (with wire) Host: 154x34x140mm (without Antenna) 200x150x140mm (with Antenna) Cradle: 100.4x92.6x152mm	Button: 67x67x24.2mm (without wire) Host: 154x34x140mm (without Antenna) 200x150x140mm (with Antenna) Cradle: 100.4x92.6x152mm





# Projector Specification

Model	MH856UST+ / MW855UST+	LH890UST	EW800ST	LW820ST	
<b>Technology</b>	DLP Dark Chip 3	DLP Dark Chip 3	DLP Dark Chip 3	DLP Dark Chip 3	
<b>Resolution</b>	Full HD (1920 x 1080) / WXGA (1280 x 800)	Full HD (1920 x 1080)	WXGA (1280 x 800)	WXGA (1280 x 800)	
<b>Brightness</b>	3,500 Lumens	4,000 Lumens	3,300 Lumens	3,600 Lumens	
<b>Contrast ratio</b>	10,000:1	3,000,000:1	20,000:1	3,000,000:1	
<b>Throw ratio</b>	0.33:1 / 0.35:1	0.23:1	0.49:1	0.52:1	
<b>Zoom ratio</b>	Fixed	Fixed	Fixed	Fixed	
<b>Lens shift (Manual)</b>	NA / Vertical ±2%	-	-	-	
<b>Noise level (Normal/Eco)</b>	34/29 dBA	35/32 dBA	33/29 dBA	33/29 dBA	
<b>Light source</b>	Lamp	Laser	Lamp	Laser	
<b>Light source life (hours)</b>	10,000 (SmartEco) 8,000 (Economic) 5,000 (Normal)	20,000 (Normal)	10,000 (SmartEco) 10,000 (Economic) 5,000 (Normal)	20,000 (Normal)	
<b>Resolution supported</b>	Up to WUXGA_RB (1920 x 1200)	Up to WUXGA_RB (1920 x 1200)	Up to WUXGA_RB (1920 x 1200)	Up to WUXGA_RB (1920 x 1200)	
<b>Input connectivity</b>	VGA (D-sub 15pin) Composite Video (RCA) Component Video S-Video DVI-D HDBase-T (RJ45) Separated from LAN HDMI Audio VGA (D-sub 15pin) Audio	x1 (Shared with Component Video) x1 - x1 - - - x2 (2.0a/HDCP2.2) x1 (3.5mm) x1 RCA (L/R) x1 x1 (3.5mm)	x1 (Shared with Component Video) - - x1 - - - x2 (1.4b/HDCP1.4) (x1 MHL) x1 (3.5mm) x1 RCA (L/R) x1 x1 (3.5mm)	x1 (Shared with Component Video) - - - - - x1 (1.4a/HDCP1.4) x1 (3.5mm) x1 x1 (3.5mm)	x2 (Shared with Component Video) x1 - x1 - - x2 (1.4b/HDCP1.2) (x1 MHL) x2 (3.5mm / Microphone) x1 RCA (L/R) x1 x1 (3.5mm)
<b>Output connectivity</b>	USB (Type A - 2.0) USB (Type B) USB (Type Mini B) RS232 (DB-9pin) RJ45 (LAN Control) Crestron eControl Crestron RoomView AMX Device Discovery PJ Link DC 12V Trigger / Wired Remote Control Built-in Speaker	x1 (Power Supply 5V/1.5A) - x1 (Point Write) x1 x1 - / - 10W x2	x1 (Power Supply 5V/1.5A) - x2 (Service / Point Write) x1 x1 - / - 10W x1	x3 (Power Supply 1.0A/1.5A - Reader / Wireless Dongle) - x1 (Service + page front/back) x1 x1 - / - 2W x1	x1 (Power Supply 5V/1.5A) - x1 (Service + Point Write) x1 x1 - / - 10W x1
<b>Dimensions (WxHxD)</b>	287.5 x 206.9 x 373.3 mm (with mirror) 287.5 x 130.2 x 373.3 mm (without mirror)	502.1 x 164.5 x 399.3 mm	296 x 120 x 250 mm	410 x 158 x 272 mm	
<b>Weight</b>	5 kg	9.06 kg	2.5 kg	5.6 kg	
<b>Power consumption (Normal)</b>	320W	358W	280W	283W	
<b>Lamp part number</b>	5JJDT05.001	-	5JJLT05.001	-	
<b>Other features</b>	VGA/HDMI Signal Power On SmartEco Technology 2D Keystone and Corner fit Optional Driver Free Interactive Supplied wall mount	VGA/HDMI Signal Power On SmartEco Technology 2D Keystone and Corner fit Optional Driver Free Interactive Supplied wall mount	VGA/HDMI Signal Power On Built-in Android system Wireless projection USB reader AMS (Account Management)	VGA/HDMI Signal Power On DustGuard IPSX Sealed Engine 3D Ready	
<b>Optional accessories</b>	InstaShow FULL HD Adapter Interactive Kit PW30U PT120 Touch Laser Curtain PSR01 Presentation Plus 3D Glasses DGD5	InstaShow FULL HD Adapter Interactive Kit PW40U PT12 Touch Laser Curtain PSR01 Presentation Plus 3D Glasses DGD5	InstaShow FULL HD Adapter PSR01 Presentation Plus 3D Glasses DGD5	InstaShow FULL HD Adapter PT12 Touch Laser Curtain PSR01 Presentation Plus 3D Glasses DGD5	

# Projector Specification

Model	MH760	LU710	LU930	LU9245W
<b>Technology</b>	DLP Dark Chip 3	DLP Dark Chip 3	DLP Dark Chip 3	DLP Dark Chip 3
<b>Resolution</b>	Full HD (1920 x 1080)	WUXGA (1920 x 1200)	WUXGA (1920 x 1200)	WUXGA (1920 x 1200)
<b>Brightness</b>	5,000 Lumens	4,000 Lumens	5,000 Lumens	7,000 Lumens
<b>Contrast ratio</b>	3,000:1	3,000,000:1	3,000,000:1	3,000,000:1
<b>Throw ratio</b>	1.15-1.5:1	1.13-1.46:1	1.36-2.18:1	7 Optional lenses
<b>Zoom ratio</b>	1.3x	1.3x	1.6x	7 Optional lenses
<b>Lens shift (Manual)</b>	Vertical +6%	-	Vertical ±60% Horizontal ±23%	Vertical -15%~55% Horizontal ±5%
<b>Noise level (Normal/Eco)</b>	36/33 dBA	34/29 dBA	37/30 dBA	36/34 dBA
<b>Light source</b>	Lamp	Laser	Laser	Laser
<b>Light source life (hours)</b>	2,500 (Economic) 2,000 (Normal)	20,000 (Normal)	20,000 (Normal)	20,000 (Normal)
<b>Resolution supported</b>	Up to WUXGA_RB (1920 x 1200)	Up to WUXGA_RB (1920 x 1200)	Up to WUXGA_RB (1920 x 1200)	Up to WUXGA_RB (1920 x 1200)
<b>Input connectivity</b>	x1 x1 - x1 - - x2 (1.4/HDCP1.4) (x1 MHL) x2 (3.5mm / Microphone) x1 RCA (L/R) x1 x1 (3.5mm)	x1 x1 x1 (3RCA) - - - x2 (1.4/HDCP1.4) x1 (3.5mm) x1 RCA (L/R) x1 x1 (3.5mm)	x1 x1 x1 (3RCA) - - - x2 (1.4a/HDCP1.4) x1 (3.5mm) x1 RCA (L/R) x1 x1 (3.5mm)	x1 x1 x1 (5BNC) - x1 (Control/Video/Audio) x2 (2.0a/HDCP2.2) x1 (3.5mm) x1 RCA (L/R) x1 x1 RCA (L/R)
<b>Output connectivity</b>	USB (Type A - 2.0) USB (Type B) USB (Type Mini B) RS232 (DB-9pin) RJ45 (LAN Control) Crestron eControl Crestron RoomView AMX Device Discovery PJ Link DC 12V Trigger / Wired Remote Control Built-in Speaker	x1 (Power Supply 1.5A) - x1 (Service + page front/back) x1 x1 x1 (Mini Jack 3.5) / - 10W x2	x1 (Power Supply 5V/1.5A - Service) - - x1 x1 x1 (Mini Jack 3.5) / - 10W x2	x1 (Power Supply 5V/1.5A - Service) - - x2 (In/Out) x1 x1 (Mini Jack 3.5) / x2 (In/Out) 10W x2
<b>Dimensions (WxHxD)</b>	411.4 x 118.4 x 267.5 mm	416 x 166 x 312 mm	416 x 166 x 351 mm	525 x 216 x 470 mm
<b>Weight</b>	4.9 Kg	6.3 kg	6.3 kg	24 Kg
<b>Power consumption (Normal)</b>	490W	290W	415W	600W
<b>Lamp part number</b>	5JJDP05.001	-	-	-
<b>Other features</b>	VGA Signal Power On 2D Keystone and Corner fit SmartEco Technology 3D Ready	VGA/HDMI Signal Power On 360° projection (V) and 24/7 2D Keystone and Corner fit DustGuard IPSX Sealed Engine Easy Firmware Updater via LAN	VGA/HDMI Signal Power On 360° projection (V) and 24/7 2D Keystone and Corner fit Digital Shrink DustGuard IPSX Sealed Engine LumiExpert (Ambient Light Sensor)	VGA/HDMI Signal Power On 360° projection (V/H) and 24/7 2D Keystone and Corner fit Digital Shrink 3D Ready
<b>Optional accessories</b>	InstaShow FULL HD Adapter PSR01 Presentation Plus 3D Glasses DGD5	InstaShow FULL HD Adapter PSR01 Presentation Plus 3D Glasses DGD5	InstaShow FULL HD Adapter PSR01 Presentation Plus 3D Glasses DGD5	InstaShow 7 Optional Manual Lenses FULL HD Adapter PSR01 Presentation Plus 3D Glasses DGD5 Black model available (LU9245)

Lenses	Throw ratio	Zoom ratio	Lens shift
LS2ST3	0.778	Fixed	V: -15% ~ 55% H: -5%~5%
LS2ST1	1.1 ~ 1.3	1.18x	V: -15% ~ 55% H: -5%~5%
LS2ST2	0.77~1.1	1.42x	V: -15% ~ 55% H: -5%~5%
LS2ST4	1.25~1.6	1.28x	V: -15% ~ 55% H: -5%~5%
LS2SD2	1.54 ~ 1.93	1.25x	V: -15% ~ 55% H: -5%~5%
LS2LT1	1.93 ~ 2.9	1.5x	V: -15% ~ 55% H: -5%~5%
LS2LT2	3.0 ~ 5.0	1.67x	V: -15% ~ 55% H: -5%~5%



# IFP Specification

## RM Series

Model	RM6502S	RM7502S	RM8602S	RM5502K	RM6502K
<b>Screen Size</b>	65"	75"	86"	55"	65"
<b>Resolution</b>	UHD 3840 x 2160	UHD 3840 x 2160	UHD 3840 x 2160	3840 x 2160	3840 x 2160
<b>Brightness (Typ.)</b>	350 nits	350 nits	350 nits	350	350
<b>Contrast Ratio (Typ.)</b>	1200 : 1	1200 : 1	1200 : 1	5000 : 1	1200 : 1
<b>Viewing Angle (H/V)</b>	178° / 178°	178° / 178°	178° / 178°	178° / 178°	178° / 178°
<b>Response Time (G-t-G)</b>	8 ms	8 ms	8 ms	8.5 ms	8 ms
<b>Backlight Life (hrs)</b>	50,000	50,000	50,000	50,000	50,000
<b>Operating Hour</b>	16 / 7	16 / 7	16 / 7	18 / 7	18 / 7
<b>Orientation</b>	Landscape	Landscape	Landscape	Landscape	Landscape
<b>Power Type</b>	Internal	Internal	Internal	Internal	Internal
<b>Power Supply</b>	100 V~240 V, 50-60 Hz	100 V~240 V, 50-60 Hz	100 V~240 V, 50-60 Hz	100 V~240 V, 50 Hz / 60 Hz	100 V~240 V, 50 Hz / 60 Hz
<b>Power Consumption</b>					
<b>Maximum</b>	190W	250W	550W	220 W/h	240 W/h
<b>Typical</b>	135W	135W	194W	102 W/h	124 W/h
<b>Standby</b>	<0.5W	<0.5W	<0.5W	<0.5W/h	<0.5W/h
<b>AC Power Switch</b>	Yes	Yes	Yes	Yes	Yes
<b>Wake up</b>	VGA / HDMI / LAN	VGA / HDMI / LAN	VGA / HDMI / LAN	VGA / HDMI / LAN	VGA / HDMI / LAN
<b>Technology, No. of touches</b>	IR, 20 points	IR, 20 points	IR, 20 points	Fine IR, 20 points	Fine IR, 20 points
<b>Interface</b>	USB Type B x3	USB Type B x3	USB Type B x3	USB Type B x2	USB Type B x2
<b>Tempered Glass, Hardness</b>	4mm, 9H	4mm, 9H	4mm, 9H	4mm, 9H	4mm, 9H
<b>AG coating</b>	Yes	Yes	Yes	Yes	Yes
<b>Eye-Care Solution</b>	Eye-Care	Eye-Care	Eye-Care	Eye-Care	Eye-Care
<b>Germ-Resistant Screen</b>	Yes	Yes	Yes	Yes	Yes
<b>Air Quality Sensor</b>	No	No	No	No	No
<b>Operation Temperature</b>	0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C
<b>Operating Humidity</b>	10% ~ 90% RH Non-Condensing	10% ~ 90% RH Non-Condensing	10% ~ 90% RH Non-Condensing	10% ~ 90% RH Non-Condensing	10% ~ 90% RH Non-Condensing
<b>Input</b>					
<b>VGA</b>	x 1	x 1	x 1	x 1	x 1
<b>HDMI 2.0</b>	x 4	x 4	x 4	x 3	x 3
<b>Audio (3.5 mm)</b>	x 1	x 1	x 1	x 1	x 1
<b>Output</b>					
<b>HDMI 2.0</b>	x 1	x 1	x 1	x 1	x 1
<b>Audio (3.5 mm)</b>	x 1	x 1	x 1	x 1	x 1
<b>USB</b>	Type A 3.0 x 5 Type A 2.0 x 2 Type B x 3	Type A 3.0 x 5 Type A 2.0 x 2 Type B x 3	Type A 3.0 x 5 Type A 2.0 x 2 Type B x 3	Type A 3.0 x 3 Type A 2.0 x 2 Type B x 2	Type A 3.0 x 3 Type A 2.0 x 2 Type B x 2
<b>RS232</b>	Yes	Yes	Yes	Yes	Yes
<b>RJ45</b>	Yes	Yes	Yes	Yes	Yes
<b>Remote Controller</b>	Yes	Yes	Yes	Yes	Yes
<b>Internal Speaker</b>	16W x 2	16W x 2	16W x 2	16W x 2	16W x 2
<b>Dimension (mm)</b>					
<b>Screen</b>	1489 x 939 x 116.6	1709.4 x 1062 x 115.8	1957.1 x 1201.8 x 115.8	1268.1 x 814.5 x 115.6	1488.7 x 938.9 x 115.6
<b>Package</b>	1675 x 1056 x 220	1923 x 1208 x 283	2214 x 1358 x 283	1428 x 922 x 225	1675 x 1056 x 220
<b>Weight (kg)</b>					
<b>Screen</b>	41.2	55.6	69.7	29.3	41.2
<b>Package</b>	52.7	72.6	93.95	37.1	52.7
<b>Bezel Width (mm)</b>	17.8 (Top / Side), 87.7 (Bottom)	17.8 (Top / Side), 87.7 (Bottom)	17.8 (Top / Side), 87.7 (Bottom)	17.8 (Top / Side) 87.7 (Bottom)	17.8 (Top / Side) 87.7 (Bottom)
<b>Wall Mounting (VESA) (Screw Type /Max. Length)</b>	600 x 400 mm M8 x 25 mm	800 x 400 mm M8 x 25 mm	800 x 600 mm M8 x 25 mm	400 x 200 mm M8 x 25 mm	600 x 400 mm M8 x 25 mm
<b>OPS slot</b>	Yes	Yes	Yes	Yes	Yes
<b>NFC sensor</b>	No	No	No	No	No
<b>Pen Tray</b>	Yes	Yes	Yes	Yes	Yes
<b>Warranty*</b>	3 years on-site exchange	3 years on-site exchange	3 years on-site exchange	3 years on-site exchange	3 years on-site exchange

\*May vary per region

## RM Series

## RP Series

Model	RM7502K	RM8602K	RP6502	RP7502	RP8602
<b>Screen Size</b>	75"	86"	65"	75"	86"
<b>Resolution</b>	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160
<b>Brightness (Typ.)</b>	350	350	350 nits	450 nits	400 nits
<b>Contrast Ratio (Typ.)</b>	1200 : 1	1200 : 1	1200:1	1200:1	1200:1
<b>Viewing Angle (H/V)</b>	178° / 178°	178° / 178°	178° / 178°	178° / 178°	178° / 178°
<b>Response Time (G-t-G)</b>	8 ms	8 ms	8 ms	8 ms	8 ms
<b>Backlight Life (hrs)</b>	50,000	50,000	50,000	50,000	50,000
<b>Operating Hour</b>	18 / 7	18 / 7	18 / 7	18 / 7	18 / 7
<b>Orientation</b>	Landscape	Landscape	Landscape	Landscape	Landscape
<b>Power Type</b>	Internal	Internal	Internal	Internal	Internal
<b>Power Supply</b>	100 V~240 V, 50 Hz / 60 Hz	100 V~240 V, 50 Hz / 60 Hz	100 V~240 V, 50 Hz / 60 Hz	100 V~240 V, 50 Hz / 60 Hz	100 V~240 V, 50 Hz / 60 Hz
<b>Power Consumption</b>					
<b>Maximum</b>	320 W/h	500 W/h	202 W/h	375 W/h	423 W/h
<b>Typical</b>	143 W/h	181 W/h	153 W/h	262 W/h	317 W/h
<b>Standby</b>	<0.5W/h	<0.5W/h	<0.5W/h	< 0.5 W/h	<0.5 W/h
<b>AC Power Switch</b>	Yes	Yes	Yes	Yes	Yes
<b>Wake up</b>	VGA / HDMI / LAN	VGA / HDMI / LAN	VGA / HDMI / LAN	VGA / HDMI / LAN	VGA / HDMI / LAN
<b>Technology, No. of touches</b>	Fine IR, 20 points	Fine IR, 20 points	Fine IR Plus, 20 points	Fine IR Plus, 20 points	Fine IR Plus, 20 points
<b>Interface</b>	USB Type B x2	USB Type B x2	USB Type B x3	USB Type B x3	USB Type B x3
<b>Tempered Glass, Hardness</b>	4mm, 9H	4mm, 9H	4mm, 9H	4mm, 9H	4mm, 9H
<b>AG coating</b>	Yes	Yes	Yes	Yes	Yes
<b>Eye-Care Solution</b>	Eye-Care	Eye-Care	Smart Eye-Care	Smart Eye-Care	Smart Eye-Care
<b>Germ-Resistant Screen</b>	Yes	Yes	Yes	Yes	Yes
<b>Air Quality Sensor</b>	No	No	CO <sub>2</sub> -PM2.5-PM10	CO <sub>2</sub> -PM2.5-PM10	CO <sub>2</sub> -PM2.5-PM10
<b>Operation Temperature</b>	0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C
<b>Operating Humidity</b>	10% ~ 90% RH Non-Condensing	10% ~ 90% RH Non-Condensing	10% ~ 90% RH Non-Condensing	10% ~ 90% RH Non-Condensing	10% ~ 90% RH Non-Condensing
<b>Input</b>					
<b>VGA</b>	x 1	x 1	x 1	x 1	x 1
<b>HDMI 2.0</b>	x 3	x 3	x 3	x 3	x 3
<b>Audio (3.5 mm)</b>	x 1	x 1	x 1	x 1	x 1
<b>Output</b>					
<b>HDMI 2.0</b>	x 1	x 1	x 1	x 1	x 1
<b>Audio (3.5 mm)</b>	x 1	x 1	x 1	x 1	x 1
<b>USB</b>	Type A 3.0 x 3 Type A 2.0 x 2 Type B x 2	Type A 3.0 x 3 Type A 2.0 x 2 Type B x 2	Type A 3.0 x 2 Type A 2.0 x 3 Type B x 3 Type C x 1	Type A 3.0 x 2 Type A 2.0 x 3 Type B x 3 Type C x 1	Type A 3.0 x 2 Type A 2.0 x 3 Type B x 3 Type C x 1
<b>RS232</b>	Yes	Yes	Yes	Yes	Yes
<b>RJ45</b>	Yes	Yes	Yes	Yes	Yes
<b>Remote Controller</b>	Yes	Yes	Yes	Yes	Yes
<b>Internal Speaker</b>	16W x 2	16W x 2	16W x 2	16W x 2	16W x 2
<b>Dimension (mm)</b>					
<b>Screen</b>	1709.4 x 1062 x 115.8	1957.1 x 1201.8 x 115.8	1505.9 x 951 x 121.5	1735.5 x 1085.8 x 130.7	1988.8 x 1229.8 x 138.4
<b>Package</b>	1923 x 1208 x 283	2214 x 1358 x 283	1660 x 1070 x 275	1880 x 1205 x 280	2140 x 1340 x 280
<b>Weight (kg)</b>					
<b>Screen</b>	54.4	70.2	44	61	79
<b>Package</b>	76.1	99.6	56	78	97.5
<b>Bezel Width (mm)</b>	17.8 (Top / Side) 87.7 (Bottom)	17.8 (Top / Side) 87.7 (Bottom)	23.4 / 23.4 / 23.4 / 23.4	23.4 / 23.4 / 23.4 / 23.4	23.4 / 23.4 / 23.4 / 23.4
<b>Wall Mounting (VESA) (Screw Type /Max. Length)</b>	800 x 400 mm M8 x 25 mm	800 x 600 mm M8 x 25 mm	600 x 400 mm M8 x 20 mm	600 x 400 mm M8 x 20 mm	700 x 400 mm M8 x 20 mm
<b>OPS slot</b>	Yes	Yes	Yes	Yes	Yes
<b>NFC sensor</b>	No	No	Yes	Yes	Yes
<b>Pen Tray</b>	Yes	Yes	Yes	Yes	Yes
<b>Warranty*</b>	3 years on-site exchange	3 years on-site exchange	3 years on-site exchange	3 years on-site exchange	3 years on-site exchange



# Digital Signage Specification

Model	BH2801*	BH3801*	ST4302	ST5502	ST6502	ST7502	ST8602
<b>Screen Size</b>	28"	38"	43"	55"	65"	75"	86"
<b>Resolution</b>	1920 x 360	1920 x 6000	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160
<b>Brightness (Typ.)</b>	1000 nits	1000 nits	450 nits	450 nits	450 nits	450 nits	450 nits
<b>Contrast Ratio (Typ.)</b>	3000 : 1	3000 : 1	5000 : 1	4500 : 1	4500 : 1	1200 : 1	1200 : 1
<b>Viewing Angle (H/V)</b>	178° / 178°	178° / 178°	178° / 178°	178° / 178°	178° / 178°	178° / 178°	178° / 178°
<b>Response Time (G-t-G)</b>	8 ms	8 ms	8 ms	8 ms	8 ms	8 ms	8 ms
<b>Backlight Life (hrs)</b>	55 000	55 000	30 000	30 000	30 000	30 000	30 000
<b>Panel Surface</b>	Anti-Glare	Anti-Glare	Anti-Glare	Anti-Glare	Anti-Glare	Anti-Glare	Anti-Glare
<b>Operating Hour</b>	24 / 7	24 / 7	18 / 7	18 / 7	18 / 7	18 / 7	18 / 7
<b>Orientation</b>	Portrait / Landscape	Portrait / Landscape	Portrait / Landscape	Portrait / Landscape	Landscape	Landscape	Landscape
<b>Built-in Speaker</b>	1Wx2	1Wx2	12W x 2	12W x 2	12W x 2	12W x 2	12W x 2
<b>Power Type</b>	External	External	Internal	Internal	Internal	Internal	Internal
<b>VGA Input</b>	-	-	x1	x1	x1	x1	x1
<b>HDMI Input</b>	HDMI 1.4 x 1	HDMI 1.4 x 1	HDMI 2.0 x 2	HDMI 2.0 x 2	HDMI 2.0 x 2	HDMI 2.0 x 2	HDMI 2.0 x 2
<b>Display Port Input</b>	-	-	DP 1.2 x 1	DP 1.2 x 1	DP 1.2 x 1	DP 1.2 x 1	DP 1.2 x 1
<b>Audio Input</b>	-	-	x1 (3.5 mm)	x1 (3.5 mm)	x1 (3.5 mm)	x1 (3.5 mm)	x1 (3.5 mm)
<b>HDMI Output</b>	-	-	HDMI 2.0 x 1	HDMI 2.0 x 1	HDMI 2.0 x 1	HDMI 2.0 x 1	HDMI 2.0 x 1
<b>Audio Output</b>	-	-	x1 (3.5 mm)	x1 (3.5 mm)	x1 (3.5 mm)	x1 (3.5 mm)	x1 (3.5 mm)
<b>USB</b>	USB 2.0 x 2	USB 2.0 x 2	USB 3.0 x 1 USB 2.0 x 2	USB 3.0 x 1 USB 2.0 x 2	USB 3.0 x 1 USB 2.0 x 2	USB 3.0 x 1 USB 2.0 x 2	USB 3.0 x 1 USB 2.0 x 2
<b>RS232</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>LAN RJ45</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>Remote Controller</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>Dimension (mm) Screen/Package</b>	725.8 x 159.4 x 42.5 / 870 x 250 x 160	949.6 x 317.6 x 45.6 / 1120 x 490 x 190	969.9 x 558.3 x 84.8 / 1070 x 153 x 663	1233.6 x 708.4 x 76.6 / 1364 x 154 x 824	1450.6 x 828.1 x 78.5 / 1605 x 965 x 220	1672.2 x 954.9 x 75.3 / 1828 x 1098 x 220	1930.8 x 1109.3 x 82.4 / 2118 x 1271 x 280
<b>Weight (kg) Screen/Package</b>	5.3 / 8.1	11.0 / 14.4	11.6 / 15.9	18.4 / 25.7	22.9 / 33.6	29.3 / 41.7	50.4 / 69.8
<b>Bezel Width (mm)</b>	14.7 / 14.7 / 14.7 / 14.7	14.2 (Top / Side) 14.7 (Bottom)	8.7 (Top / Side) 13.1 (Bottom)	10.7 (Top / Side) 14.9 (Bottom)	8.8 (Top / Side) 12.8 (Bottom)	9.0 (Top / Side) 13.3 (Bottom)	13.9 (Top / Side) 23.4 (Bottom)
<b>Wall Mounting (VESA) (Screw Type /Max. Length)</b>	400 x 100 mm M4 x 10 mm	400 x 100 mm M4 x 10 mm	200 x 200 mm M6 x 12 mm	400 x 200 mm M6 x 12 mm	400 x 200 mm M6 x 10 mm	400 x 200 mm M8 x 10 mm	600 x 400 mm M8 x 20 mm
<b>OPS slot</b>	No	No	Yes	Yes	Yes	Yes	Yes
<b>Warranty**</b>	3 years on-site exchange	3 years on-site exchange	3 years on-site exchange	3 years on-site exchange	3 years on-site exchange	3 years on-site exchange	3 years on-site exchange

\* Check the BenQ website for more models in this series  
\*\*May vary per region



## Design, Distribute, Drink Coffee Content Management Made Easy with X-Sign

X-Sign makes it easy to create and distribute targeted information quickly to any screen across your school. Choose one of over 180+ templates, add your unique message and see it delivered everywhere at the push of a button. X-Sign Broadcast allows for the sending of health and safety messages or emergency alerts directly to any preferred screens in real-time.







## Customer service and aftercare



### Training

Ongoing hardware and software online training for all users.



### Service & support

Remote and onsite technical support available.



### 3 years warranty\*

Standard warranty on-site exchange.

\*4<sup>th</sup> and 5<sup>th</sup> years are optional and depend on region



### Demo fleet

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