

## CUSTOMER SERVICE AND AFTERCARE



### TRAINING

Ongoing online hardware and software training for all users



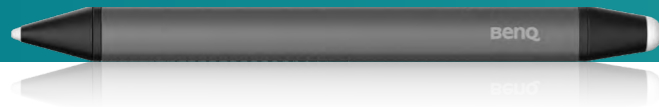
### SERVICE & SUPPORT

Remote and onsite technical support available



### 3-YEAR WARRANTY\*

Standard warranty on-site exchange



Contact [B2BMarketing@benq.eu](mailto:B2BMarketing@benq.eu) or call +31 (0) 88 888 9200 to find out more.

\* 4th and 5th years are optional and depend on region.

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**BenQ**

# Inspire the now, teach the future.

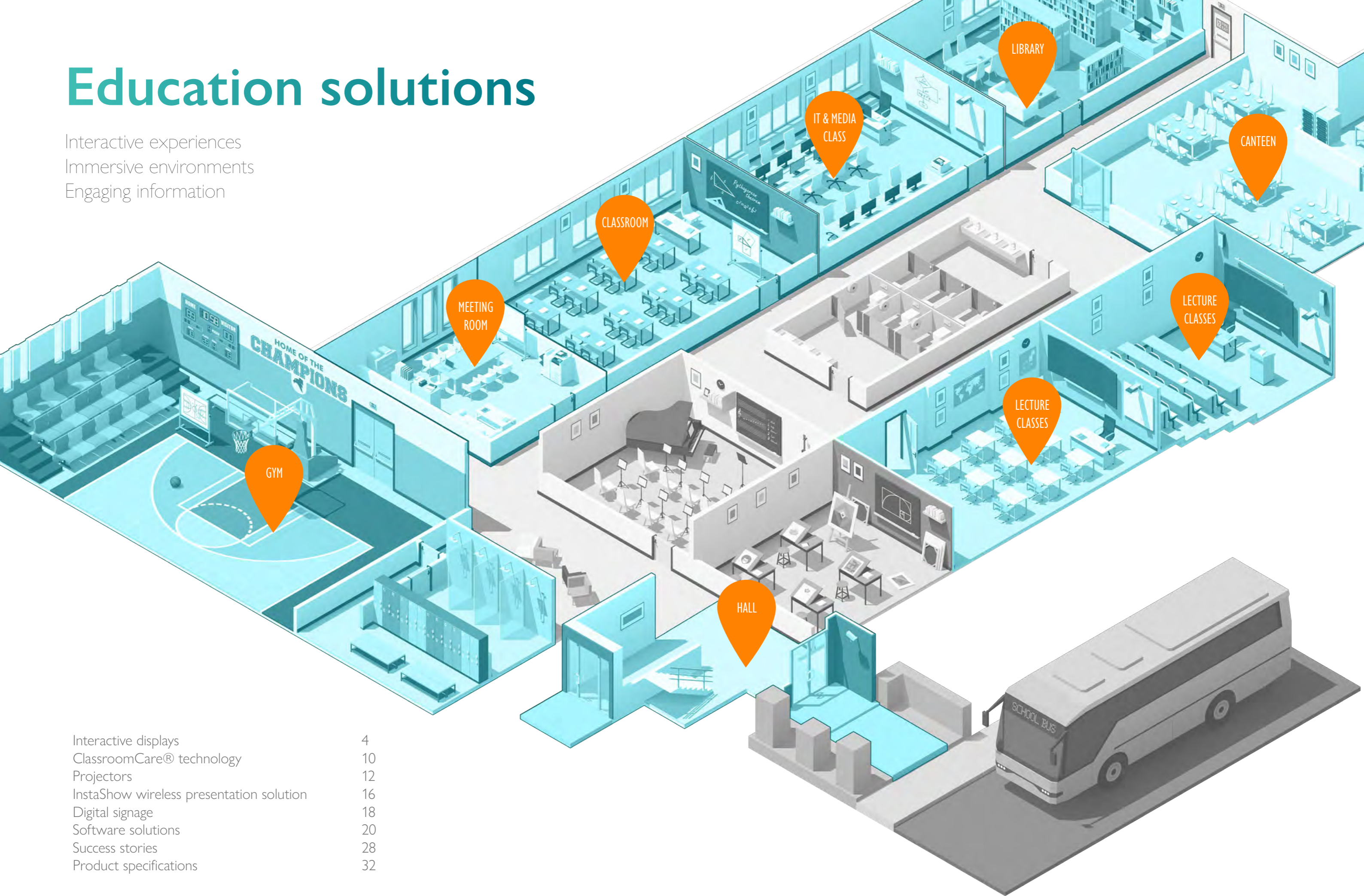
Education Solutions from BenQ

**BenQ**



# Education solutions

Interactive experiences  
Immersive environments  
Engaging information



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WALL MOUNT INCLUDED

# Hassle-free learning experiences with the Premium RP02 Series

65" 75" 86"

For educational institutions looking for Interactive Displays with advanced features, the Premium RP Series protects the wellbeing of the class with unique **ClassroomCare®** health features. It provides workspace freedom with BenQ's centralised user and device account management solution and delivers effortless world-class learning with our exclusive presentation tools.



- ▶ 4K RESOLUTION
- ▶ FINE IR PLUS TOUCH TECHNOLOGY
- ▶ 20 TOUCH POINTS
- ▶ USB-C
- ▶ HDMI OUT
- ▶ MOTION SENSORS
- ▶ NFC READER



GERM-RESISTANT



AIR QUALITY SENSOR



SMART EYE-CARE SOLUTION

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 Interactive Display detects movement of the users.



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



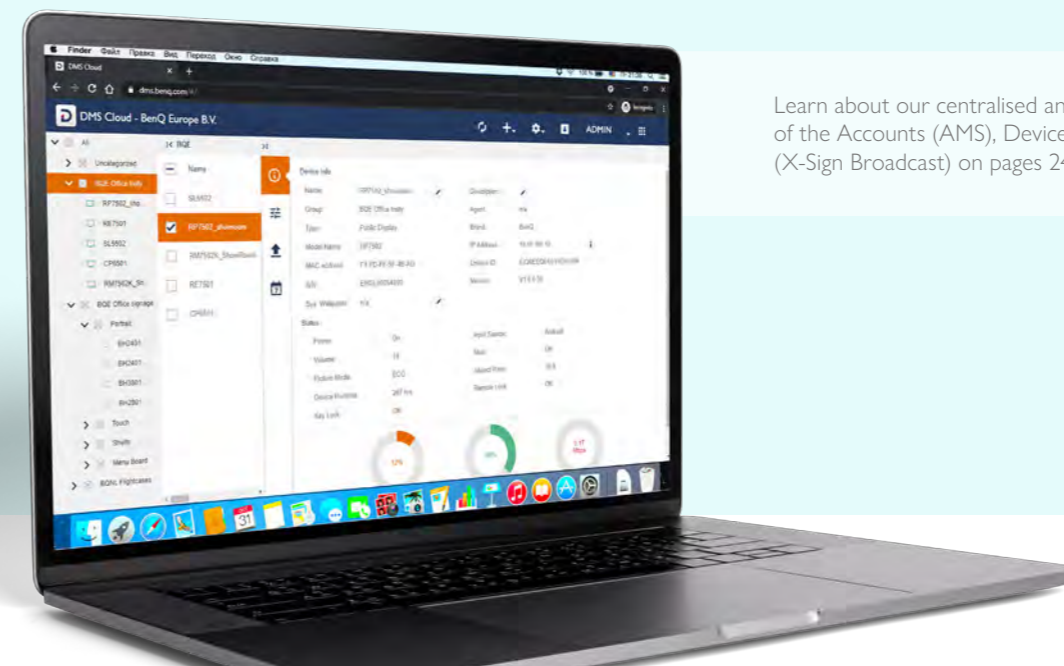
**NFC Reader** allows access to RP interactive displays with an NFC card, without problems. When you bring an NFC card (loaded with data and user profile) close to the **NFC sensor** integrated in the displays, the log-in is automatic and you have immediate access to your personalised workspace.



**EZWrite 5 Collaborative Whiteboarding software** is the leading cross-platform annotation solution for interactive and collaborative classroom scenarios. Easily share ideas, notes and opinions by annotating on the same whiteboard from anywhere.



**Duo Windows** feature allows users to multitask by running two apps side by side on the interactive display, doubling their efficiency. Teachers and students can look up information on a browser while whiteboarding at the same time.



Learn about our centralised and remote management of the Accounts (AMS), Devices (DMS) and broadcast (X-Sign Broadcast) on pages 24 - 27.

# Introducing the new Master RM03 Series

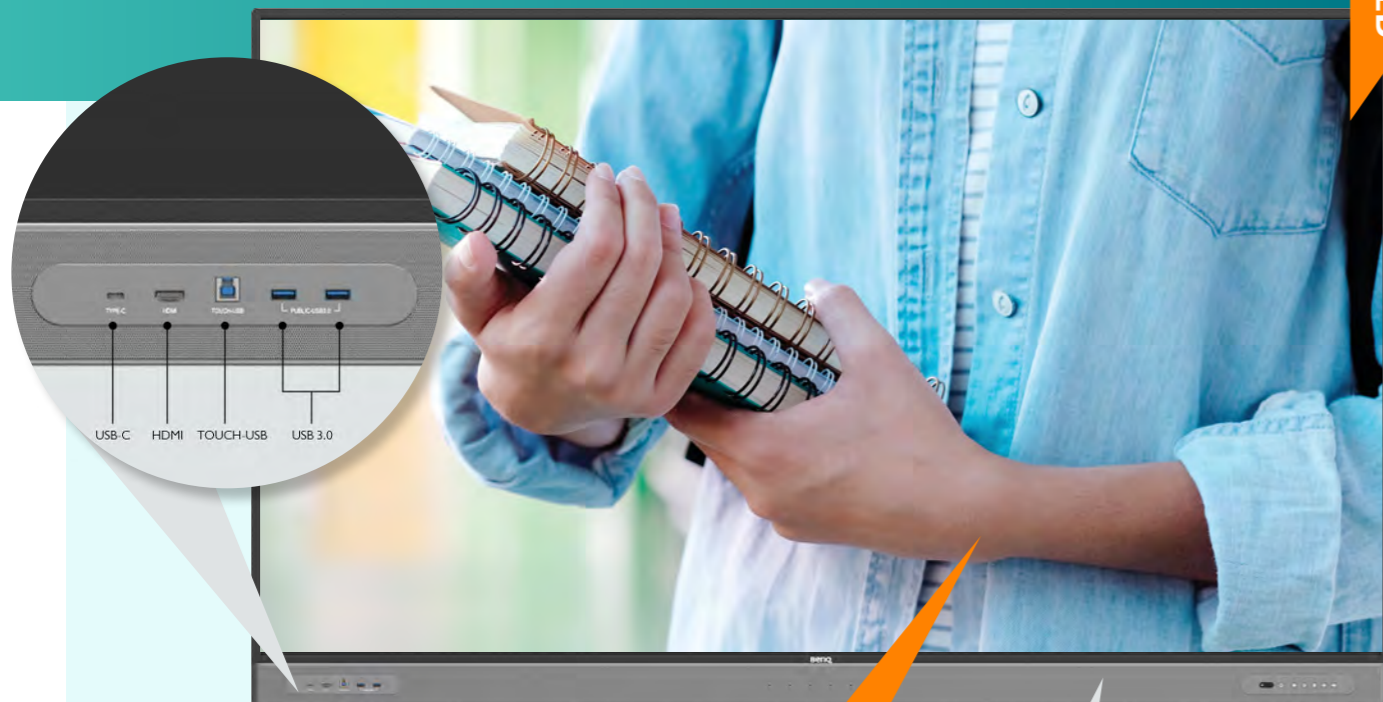
65" 75" 86"

A perfect solution for primary, secondary and higher education institutions looking to integrate Interactive Displays into their teaching. The latest additions to the RM Series include exclusive software and tools to make school staff's work easier.

Teachers can annotate, collaborate, stream content, download and upload documents to the cloud, all from one device and at the touch of their fingertips.

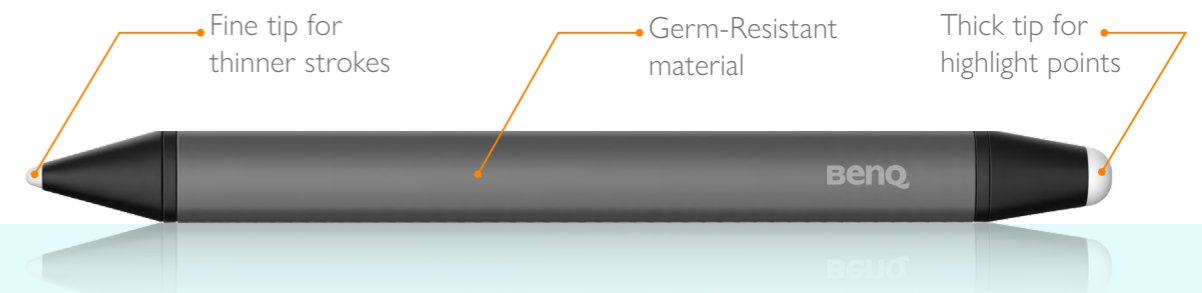
Packed with intuitive teaching tools and features, the Master series enhances the overall classroom experience in distance, hybrid, and in-person learning environments.

WALL MOUNT INCLUDED



GERM-RESISTANT  
EYE-CARE TECHNOLOGY  
4K RESOLUTION,  
40-POINT MULTI-TOUCH  
ZERO BONDING  
TECHNOLOGY

X2 16 W SPEAKERS  
X6 ARRAY MICROPHONES



The RM03 Series comes with a pair of Germ-Resistant pens that allow you to write in different colours at the same time.



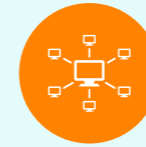
Our **interactive whiteboard EZWrite 6** software has been updated with innovative features, making the cloud whiteboard simple and straightforward to use. Teachers can share their work from the interactive display, whilst every student can collaborate and work together using their own devices without installing any software. Made for hybrid learning.



**ClassroomCare® Technology** is our unique health protection package. BenQ displays are the only ones with the **double certification from TÜV and SIAA** for approved efficacy and human safety. While the **Eye-Care technology** safeguards users' sight, the **Germ-Resistant Screen** and stylus are effective at avoiding the spread of germs.



**X-Sign Broadcast** is an easy-to-use content creation and communication program which can broadcast the school logo, parents evening information or emergency updates to one or more displays at the click of a button. Share local or cloud based content - text, images, video, office files, YouTube and more.



**Device Management Solution (DMS)** allows IT teams to control, update and troubleshoot every device across campus, remotely. **Account Management System (AMS)** provides personalised workspaces including access to cloud files and tailored device settings.



**Duo Windows** feature allows users to multitask and work with two apps side by side at the same time.



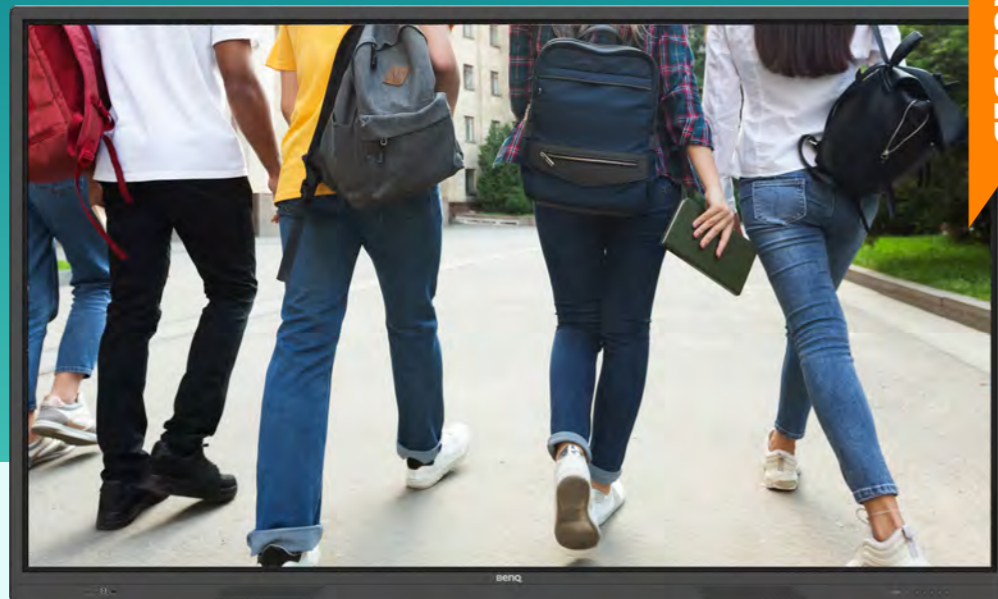
**InstaShare 2** provides a smooth presentations and an interactive screen sharing experience on any device. Encourage your students to interact - depending on the number of mirrored devices, you can have students take turns sharing their ideas freely without disrupting the flow of the lesson. Or cast the big screen onto your students' devices.



# Essential RE01 Series Interactive display

65" 75" 86" 98"

For larger classrooms, the RE01 Series comes in the biggest screen size – 98". If you have just started to consider the digitalisation of your educational institution, RE Series interactive displays are equipped with the essential set of BenQ technologies and software to enhance collaboration and information sharing among the users.



WALL MOUNT INCLUDED



**Eye-care solution** can function by activating eye-care mode. BenQ's Eye-care technology minimises blue light exposure and allows for healthier time spent in front of the display, helping you create the best and most comfortable viewing experience for you and your students.



Pre-loaded software **InstaShare** for wireless screen sharing for seamless collaboration. Allows you to control shared or mirrored screens from any device, cast up to 4 device screens in split-screen mode and easily share content regardless of your device OS, participate in discussions and benefit from collective learning.



**EZWrite 5** annotation software with cloud whiteboard is a cross platform solution that brings together different devices and operating systems so everyone can participate. Hybrid learning becomes an easy reality.

# Interactive display comparison

Maximise student engagement and create healthy learning spaces with interactive solutions

SERIES	RE01	RM03	RP02
Sizes (inches)	65, 75, 86, 98	65, 75, 86	65, 75, 86
Resolution	4K UHD (3840x2160)	4K UHD (3840x2160)	4K UHD (3840x2160)
Memory / storage	3 GB / 32 GB	8 GB / 32 GB	4 GB / 32 GB
OS	Android 8.0	Android 9.0	Android 8.0
Energy efficiency	Energy 8.0 certified	Energy 8.0 certified	Energy 8.0 certified
Type-C	✗	✓	✓
HDMI out	✓	✓	✓
Interactive technology	IR	IR	Fine IR Plus
Touch response time (continuous/first)	10 ms	10 ms	4 ms
Writing touch points (max)	20	40	20
Touch accuracy	±1.0 mm	±1.0 mm	±1.0 mm
Tempered glass (thickness   hardness)	4 mm   9H (8H for 98")	3.2 mm   9H	4 mm   9H
Anti-Glare	✓	✓	✓
Eye-Care Technology	Eye-Care	Eye-Care	Smart Eye-Care
Germ-Resistant Screen	✗	✓	✓
CO <sub>2</sub> sensor	✗	✗	✓
Internal speaker	15 W x2	16 Wx2	16 W x2
Subwoofer	✗	✗	15 W x1
Built-in microphone	✗	x6	x8
Saffi (voice control)	✗	✓	✓
NFC reader	✗	✗	✓
InstaShare - wireless screen sharing	4-split screen	9-split screen	9-split screen
AMS - Account Management	✓	✓	✓
DMS - Remote Device Management	✓	✓	✓
X-Sign Broadcast	✓	✓	✓
Collaborative whiteboarding	EZWrite 5 / EZWrite 6 Lite*	EZWrite 6	EZWrite 5 / EZWrite 6 Lite*
Wall mount included	✓	✓	✓
Remote control - freeze/blank	✓	✓	✓
Pens	✓	x2 germ-resistant	✓
WiFi connectivity**	✓	✓	✓
OPS slot	✓	✓	✓
Warranty	3-year warranty on-site exchange	3-year warranty on-site exchange	3-year warranty on-site exchange

\* EZWrite 6 Lite is a limited version of EZWrite 6 software and can be uploaded to your display  
\*\* Dongle purchase required



# ClassroomCare® technology

## Unique health protection package

BenQ prioritises users' health in schools with certified ClassroomCare® technologies that intelligently monitor the air quality of the environment using an Air Quality Sensor that features an antibacterial non-toxic nano-ionic silver coating to reduce the spread of bacteria and protect the eyes of viewers with its Smart Eye-Care solution.



SMART EYE-CARE SOLUTION



GERM-RESISTANT SCREEN



AIR QUALITY SENSOR



**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 interactive displays boast several Air Quality Sensors, which provide real-time data on key environmental parameters by detecting temperature, humidity, and monitoring **PM<sub>2.5</sub>**, **PM<sub>10</sub>** 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.

**Ensure only 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.

**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 passed the TÜV certification and combine with motion sensors\*

BenQ's ClassroomCare® interactive displays are certified by TÜV Rheinland and SIAA, renowned international testing organisations.







- WXGA RESOLUTION
- SHORT THROW SMART PROJECTOR
- BRIGHTNESS 3,300 ANSI LUMENS
- BUILT-IN ANDROID SYSTEM
- WPS SUPPORT
- LAN CONTROL COMPATIBILITY
- BUILT-IN 2 W SPEAKER



**Wireless projection:** start lessons quickly with instant wireless projection from either your smartphone, tablet or laptop PC.



**Hassle-free device management:** with the unique DMS Local (Device Management System) and MDA (Multiple Display Administrator), schools can easily centralise projector control via a local network so that your IT administrators can manage all projectors from one central location.



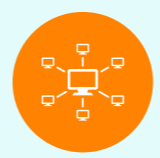
## Smart Projector EW800ST

Break away from outdated teaching methods

Smart interactive classroom projectors allow teachers to break away from outdated methods and embrace teaching styles that encourage creativity and foster a better learning environment.



**Ready for video conferencing:** Designed to meet today's and tomorrow's hybrid and distance learning needs, the Smart series projectors incorporate the TeamViewer Meeting app and have multiple USB ports compatible with webcams and/or microphones/speakers.



**Cloud storage & AMS:** designed to save time gathering teaching materials, teachers can call up their own tailor-made supporting content from the linked cloud storage accounts to the Smart Projector using the Account Management System app from their own tablet or smartphone. Same teaching content but available in different classrooms.



**Smart school message delivery:** empower your campus broadcasting system with X-Sign Broadcast – a wireless system that helps schools deliver important school announcements in text, video or audio formats to dedicated or all classrooms instantly or within a timeline, complementing the school's PA system.



# Ultra short-throw projector MW855UST+ / MH856UST+

## Solution for small spaces and big ideas

Dynamic, interactive, mobile, full connectivity and teaching fun - our projectors for the modern classroom are perfectly designed for a rather limited space, lots of movement in front of and behind the projector, and especially for very short projection distances - ideal for spaces that are often rearranged and therefore require different locations for the projector.

For throw-distances below 0.5 meters, the MW855UST+/MH856UST+ ultra short-throw projector provides up to a 100" image for front of class teaching. It offers optional pen and touch interactivity options that transform any flat surface into a canvas with new learning opportunities.



- ▶ BRIGHTNESS 3,500 ANSI LUMENS
- ▶ ULTRA SHORT-THROW PROJECTOR
- ▶ CONTROL VIA LAN
- ▶ BUILT-IN 10 W SPEAKER

# Laser Projector LU9750 / LU9800

## The brightest solution for large spaces

In larger spaces at educational institutions such as seminar rooms, lecture halls or auditoriums, BenQ's LU9750/LU9800 BlueCore Laser projector deliver intense brightness for up to 30,000 hours of maintenance-free operation, DLP picture quality and razor-sharp WUXGA resolution. Ideal for content-rich lectures where the clear and flawless display of graphics is crucial, especially from a distance.



- ▶ HIGH BRIGHTNESS 8,500/10,000 ANSI LUMENS
- ▶ BLUECORE LASER TECHNOLOGY
- ▶ REC.709 COLOUR SPACE 95%
- ▶ WUXGA RESOLUTION
- ▶ 8 OPTIONAL LENSES
- ▶ LENS SHIFT
- ▶ 50" - 500" IMAGE
- ▶ 2 X HDMI
- ▶ HDBaseT
- ▶ 5-YEAR / 30,000-HR WARRANTY



# 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 Wi-Fi to the device, offering a range of connectivity and trustworthy security protection.



## TRUSTWORTHY SECURITY PROTECTION

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



Use **InstaShow®** for lecture rooms, assembly halls or gyms with 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.



## 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: 8 m



## 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: 15 m



## WDC30 SERIES

- ▶ True Plug & Play to share your content immediately
- ▶ Certified for IONPURE antibacterial
- ▶ CC EAL6+ and FIPS 140-3 certification with military security level to transmit data safely
- ▶ Wi-Fi 6 802.11ax/ac/n compatible
- ▶ BYOD - wireless projection (iOS/Android/Chromebook)
- ▶ Touch Back function & auto channel selection
- ▶ Extended desktop & dual video output (x8 split screen)
- ▶ Transmission distance: 30 m



# Connected Campus

Wayfinding, digital menu and information boards are vital for rapid messaging in academic spaces, improving communication and efficiency across the campus.

## Deliver the right content with the ST Series Digital Signage

43" 55" 65" 75" 86"



- ▶ Vivid images on a 4K UHD display
- ▶ Built-in Android™ OS
- ▶ OPS slot-in PC (only for ST6502S / ST7502S / ST8602S)
- ▶ X-Sign Content Management, X-Sign Broadcast
- ▶ DMS (Cloud & Local)
- ▶ Pre-installed TeamViewer Meeting



ENTRANCE

## Transform your school information boards with the Smart Interactive Signage IL01 Series

43" 55"



- ▶ Germ-Resistant touchscreen
- ▶ X-Sign Content Management
- ▶ Portrait or landscape mode
- ▶ Device Management Solution (Cloud & Local)



CLASSROOM



## Exclusive software: EZWrite

Enhance the classroom experience in distance, hybrid and in-person learning environments

Flexible annotation and real-time collaboration software EZWrite is packed with innovative features, making the cloud whiteboard simple and straightforward to use across platforms and spaces. Teachers can share their work from the interactive display, and all students can collaborate and work together using their own devices. Transform your discussions with a digital canvas to make sessions productive and engaging. With this tool, any learning environment becomes an easy reality.



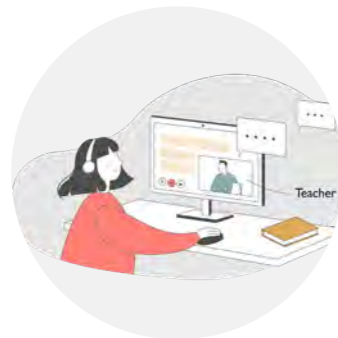
### Google Classroom integration

By connecting to Google Classroom, EZWrite 6 lets you pull up lesson materials without ever leaving the board. You can teach, send announcements and assign homework all on a BenQ interactive display.



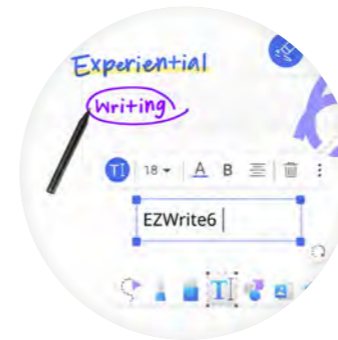
### Floating toolbar

EZWrite's built-in Floating Tool allows teachers to capture and annotate on top of any app, video, website, document or image. Whether using Windows, Mac, Chrome or Android, a teacher can take notes on top of any on-screen content and save them.



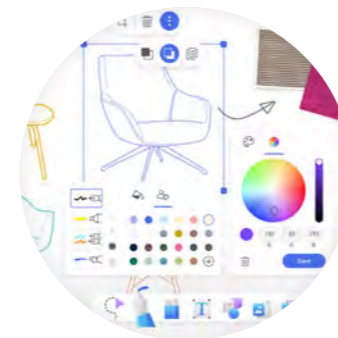
### Exclusive EZWrite Web

Our distance learning web-based solution that allows video conferencing and whiteboarding on any platform with no installation needed and with zero cost. Students can log in from a Chrome, Safari or Firefox browser to join any lesson remotely. Great for one-to-one sessions and ideal for in-class and distance learning.



### Tools for convenient writing and notation

- ▶ Wide variety of pens and highlighters
- ▶ Built-in text tool that allows you to enter and format words and phrases
- ▶ Erase three ways: erase small areas with your finger, remove words and drawings by striking through them or clear a page with a tap



### Intelligent handwriting recognition

EZWrite's handwriting recognition feature allows users to instantly convert written text (supports 31 languages), numbers, forms, and drawings into easily legible digital text without having to switch modes.



### Easy object control & rich colour palettes

Customise content on the whiteboard. With object control, you can select, copy, paste, resize and reorder the layers of elements on the screen. You can also use the colour palette or wheel to find the exact shade you're looking for.

### A tool for every purpose

An extensive set of tools for all your whiteboarding needs:

- ▶ 2D and 3D geometric shapes and lines
- ▶ Sticky notes
- ▶ Scoreboard and timer to hold competitions
- ▶ Ruler, compass and protractor for maths-related content



## Exclusive software: **InstaShare 2**

### Smooth presentations & an interactive screen sharing experience on any device

Ideal for hybrid learning environments and facilitating collaboration in the classroom, the InstaShare 2 wireless screen sharing software works with our InstaShare button and allows up to nine devices to cast content simultaneously on a BenQ display. Allows teachers to create collaborative lessons at the touch of a button.

It is the best way to facilitate Bring Your Own Device (BYOD) lessons thanks to its seamless integration with Windows, macOS, iOS, Android, and Chrome OS devices.



#### SHARE DIFFERENT TYPES OF CONTENT

Switch between casting your entire screen and sharing specific files. File-level sharing helps others focus on your content and prevents them from seeing your chat and email notifications.

#### TEACH AND SUPERVISE FROM ANYWHERE

Teachers can interact with students anywhere in the classroom. The device in their hands becomes the “remote control” that synchronizes with the main screen, switches content, gives students access to present and keeps the teaching rhythm on track.

#### CONTROL AT YOUR FINGERTIPS

You don't need to keep switching devices. With “two-way touch” control, you can open lesson materials from your laptop and control them directly from a large interactive display.

#### KEEP YOUR CLASS FOCUSED

Turn on “Do Not Disturb mode” to rid your class of distractions. Keep important information on the screen and block further mirroring requests for maximum concentration.

#### GET EVERYONE INVOLVED

Cast the big screen onto your students' devices so that they can follow lessons more closely, actively participate in discussions and benefit from collective learning.

## InstaShare Button

### Engaging lessons are just a click away

The InstaShare button is a plug-and-click solution to instantly share your screen, camera feed or files from anywhere in the room.



- ▶ USB TYPE-C CONNECTIVITY
- ▶ NO SOFTWARE REQUIRED
- ▶ WIRELESS DESIGN



#### USB Type-C connectivity

USB Type-C connector enables a one-cable plug-and-play solution that works seamlessly with Windows notebooks, MacBooks and Chromebooks.

#### No software required

With no software to download, presentations can begin instantly to enable smooth discussions without disruption.

#### Wireless design

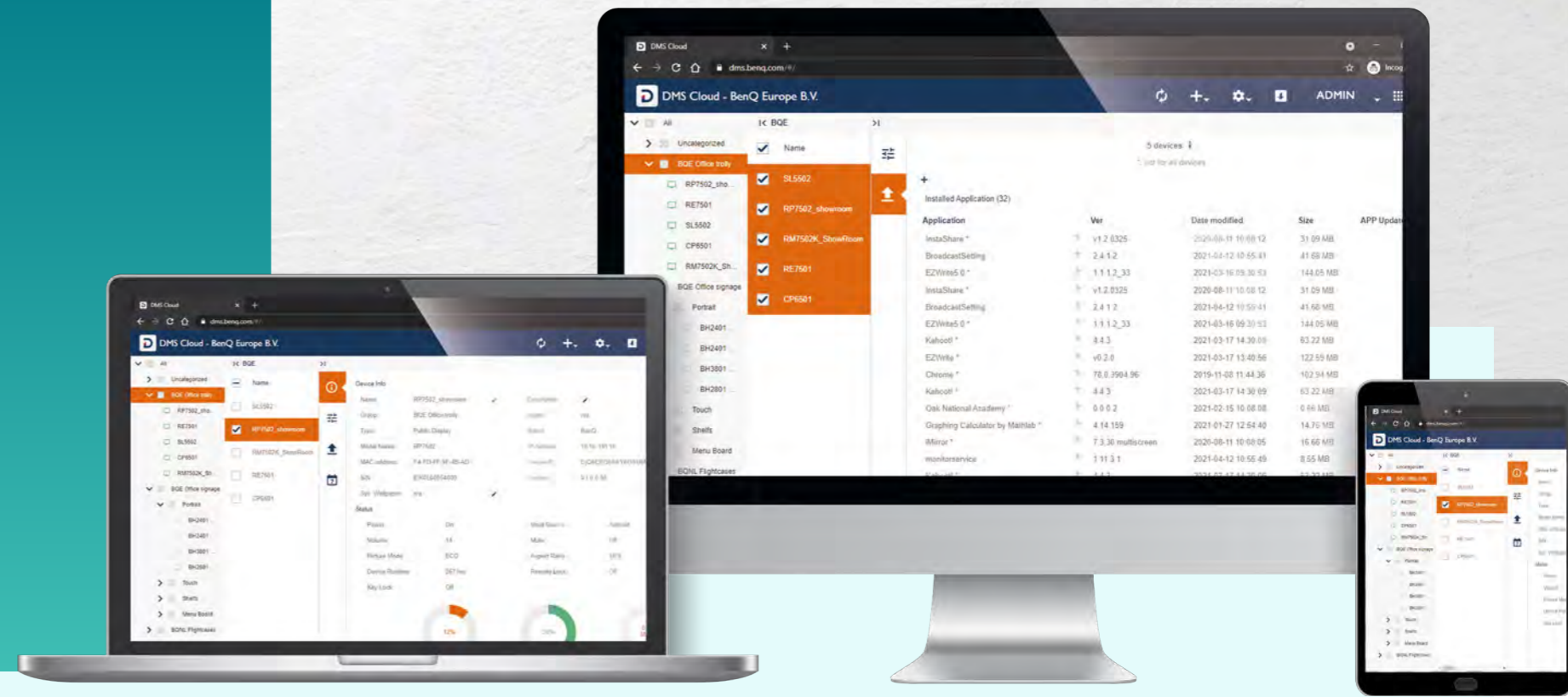
The wireless design eliminates the fuss of passing around cables so everyone can fully focus on the discussion.



Exclusive software: **DMS & AMS**

# Manage accounts and devices from anywhere

Our exclusive management support software gives IT departments and school staff the confidence to manage their display technology safely and efficiently whether on site or remotely.



## Device Management Solution

**DMS** - a comprehensive management tool that allows you to control service updates and device management across single or multiple displays from a remote location via a local network (DMS Local) or the cloud (DMS Cloud).



DISPLAY & APP MANAGEMENT



USER MANAGEMENT



OTA UPDATES



SEAMLESS LOGIN

One-swipe of the NFC card\*  
Scan QR code or with own password



SIMPLE SETUP

Efficient account management  
One-step NFC card setting



SECURE

Personalised workspace  
Pre-Set auto log-out  
Local and remote management



- ▶ Power On/Off
- ▶ Task management
- ▶ Identification
- ▶ Monitor power consumption
- ▶ Switch inputs remotely
- ▶ Cross-Subnet device control
- ▶ Customised command

## Account Management System

**AMS** provides an easy way for IT staff to create and manage dedicated account profiles. Each user will have their own personalised workspace: preferred screen settings (wallpaper, widget and apps) and access to personal cloud storage. Access your personalised workspace from any classroom display (display settings, desktop backgrounds, applications).

Keep everything close at hand - in the cloud

Access cloud storage to interact with your own creative content and teaching resources.



\* RP Series only



Exclusive software: **X-Sign & X-Sign Broadcast**

# Hassle-free content creation, scheduling and management

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

Built into BenQ's displays, 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



### X-Sign Player

Playback software built into every BenQ digital signage display to streamline all stages of the process from design to delivery.



### Wide choice of templates to design your own content

Design your own content or choose and modify from a range of layout templates, ensuring personalised content is delivered across your establishment.



### Multimedia support

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



## X-Sign Broadcast

### Send scrolling text or full screen alerts

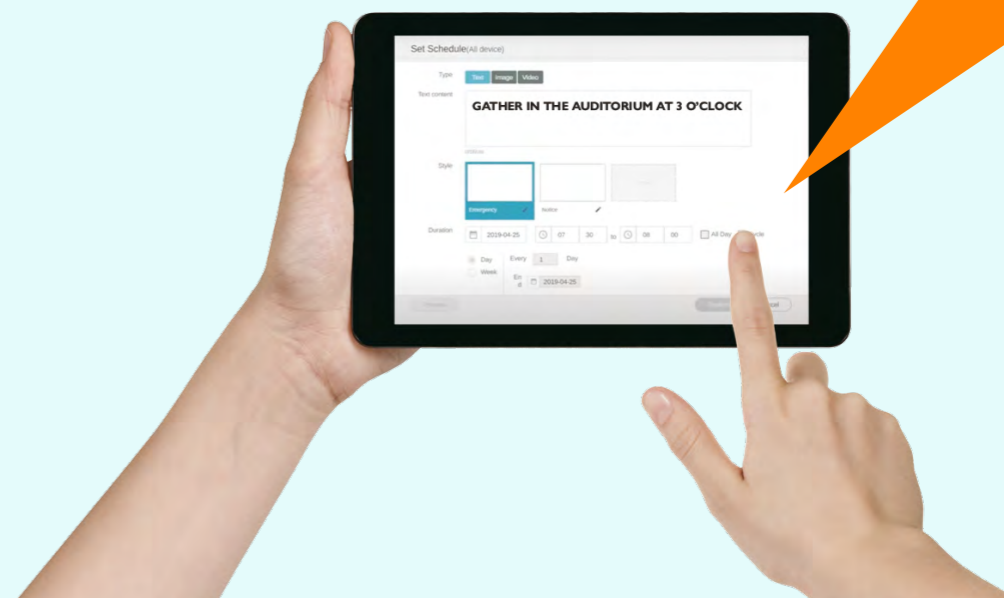
Send informative ticketing alerts across the top and bottom of the screen, or as full screen messages.

### Easy-to-manage system anywhere

The software lets administrators manage which users can send messages to a group by adding or removing them from the group. It's also possible to use the Device Report feature to view the message history from a given device.



- ▶ FREE SOFTWARE
- ▶ EASY-TO-MANAGE AND TIME SAVING SYSTEM
- ▶ LOCAL AND REMOTE MANAGEMENT
- ▶ SINGLE OR MULTIPLE DISPLAY GROUPING FUNCTION





## How French Business School Audencia modernised its teaching methods



### CHALLENGE

Specialising in management, the prestigious Audencia Business School in Nantes, France, was looking to renovate some of the lecture classes in its building. Seizing this opportunity, the school decided to take the chance to set up new digital tools for both professors and students in order to create new pedagogical scenarios and to accompany the various users.



### SOLUTION

To achieve the best possible solution, the school administration tested various brands at exhibitions for educations and technology innovation in France. After a comparison study and a product demonstration to the teachers, they finally opted for BenQ displays.



### RESULT

Now the students, professors and all administrative staff use and enjoy integrated tools, bringing modernisation of the teaching methods, along with the digital transformation - from traditional whiteboard to interactive and collaborative board. More BenQ interactive displays will be deployed to other Audencia sites.



It's been really encouraging to walk around and see teachers actually using it to its full potential rather than just as a screen'

– John Porter – Network Manager

## WOODMANSTERNE SCHOOL IN LONDON PUTS INTERACTIVITY AT THE HEART OF LEARNING

A newly built state-of-the-art high school implements a unified and easy-to-use interactive education solution.



## SWITZERLAND'S OSRM EMBRACES THE CLOUD WITH ITS NEW BENQ INTERACTIVE DISPLAYS

A secondary school in Switzerland needed to replace their outdated projectors with newer, more functional technology. They wanted a solution that would offer greater brightness and enhance interactivity in classrooms. The school adopted BenQ education interactive displays, which not only boast excellent display performance, but also provide cloud-based device and account-management services, as well as many classroom-friendly features. Having already employed the new displays for several months, OSRM has been very pleased with their performance. BenQ DMS has allowed the school to streamline how they use and maintain their display devices, while features such as EZWrite and AMS make it easy for teachers to feel comfortable no matter which room they are teaching in.







## MININ UNIVERSITY INTEGRATES BENQ'S PROFESSIONAL AND INTERACTIVE DISPLAYS INTO NEW MULTIFUNCTIONAL STUDY ENVIRONMENT

Minin University in Russia wanted to create a new, future-proof lecture hall using the latest technology and they needed the right partner to make it happen. BenQ offered the most comprehensive package with both interactive displays and digital signage in the mix, as well as reliable, convenient bundled software. Having the new lecture hall equipped with the right products has created an ideal student environment and helped to maintain the university's image as a leading educational powerhouse.



## BenQ's displays help Le Moustier School bring its students into the digital age



'In the past, newspaper articles and books were mainly used for project work, which often hindered dynamic collaboration. We therefore wanted a solution that would increase the commitment and motivation of the children'

– Frank Meyer – Educator and head of after-school care

## BENQ'S INTERACTIVE BOARD IS DRIVING THE DIGITALISATION OF THE PINGVIN DAY-CARE CENTRE IN GERMANY

The PINGVIN day care centre has epitomised individual care and modern learning strategies since it was founded. These include measures to promote language skills and media usage concepts. Against this background, the day-care centre strives to continuously modernise the facility and digitise its offer. In the context of digitalisation, the display should therefore blend in particularly well with the day-care centre's long-term media project. Now the centre has an interactive display that inspires children, employees and parents alike. By using the BenQ display, the children learn much more actively and exchange ideas with one another dynamically. Internal meetings and discussions with parents are also noticeably more efficient and target-oriented.



### CHALLENGE

Primary and elementary school Le Moustier in Froissy, France, which teaches around 230 children between the ages of 3-10, did not have any computer in the classrooms. To solve that problem, and let the students into the digital era, the direction and the administrative staff started a tender to find the best suitable solution for them.



### SOLUTION

After the proposal, it was decided the most suitable products were BenQ's interactive displays RP6502 and RP7502. Filled with a health care suite to protect the health of the users and easy-to-use, the panels were installed in the school, and are now used for lessons and by the school's administrative team.



### RESULT

Now the school is taking all its students into the digital age with the interactive displays, which offer the right solution for the school's needs. Also, the learning experience for all pupils has improved thanks to the versatility of the displays.

SPECIFICATIONS

ESSENTIAL SERIES

Model		RE6501	RE7501	RE8601	RE9801	
Panel	Screen size	65"	75"	86"	98"	
	Resolution	4K UHD 3840 × 2160	4K UHD 3840 × 2160	4K UHD 3840 × 2160	4K UHD 3840 × 2160	
	Brightness (typ.)	400 nits	550 nits	400 nits	500 nits	
	Contrast ratio (typ.)	1200 : 1	1200 : 1	1200 : 1	1200 : 1	
	Viewing angle (H/V)	178°	178°	178°	178°	
	Response time (G-t-G)	8 ms	8 ms	8 ms	8 ms	
	Backlight life (hrs)	50,000	50,000	50,000	50,000	
	Panel surface	AG, Haze 1%	AG, Haze 1%	AG, Haze 28%	AG, Haze 28%	
	Operating hours	18 hours / 7 days	18 hours / 7 days	18 hours / 7 days	18 hours / 7 days	
	Orientation	Landscape	Landscape	Landscape	Landscape	
Platform solution	System memory	3 GB	3 GB	3 GB	3 GB	
	Storage	32 GB	32 GB	32 GB	32 GB	
	OS	Android 8.0	Android 8.0	Android 8.0	Android 8.0	
Power	Power supply	100-240 V 50/60 Hz	100-240 V 50/60 Hz	100-240 V 50/60 Hz	100-240 V 50/60 Hz	
	Power consumption	Maximum (W/h)	189	342	406	403
		Typical (W/h)	180	326	339	345
		Standby mode (W/h)	<0.5	<0.5	<0.5	<0.5
	AC power switch	Built-in	Built-in	Built-in	Built-in	
Wake up	VGA / HDMI2	VGA / HDMI2	VGA / HDMI2	VGA / HDMI2		
Touch	Technology	Infrared	Infrared touch	Infrared touch	Infrared touch	
	Number of touch points	20	20	20	20	
Glass	Interface	USB type B x 2	USB Type B x 2	USB Type B x 2	USB Type B x 2	
	Tempered glass	4 mm	4 mm	4 mm	4 mm	
	Hardness	9H	9H	9H	8H	
ClassroomCare® technology	AG coating	Yes	Yes	Yes	Yes	
	Eye-Care solution	Yes	Yes	Yes	Yes	
	Air-Quality Sensor	No	No	No	No	
	Germ-Resistant screen	No	No	No	No	
Environment	Operating temperature	0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C	
	Operating humidity	20% ~ 80% RH non-condensing	20% ~ 80% RH non-condensing	20% ~ 80% RH non-condensing	20% ~ 80% RH non-condensing	
	Energy efficiency	Energy 8.0 certified	Energy 8.0 certified	Energy 8.0 certified	Energy 8.0 certified	
Connectivity	Input	VGA	x 1	x 1	x 1	x 1
		DVI	No	No	No	No
		HDMI 2.0	x 3	x 3	x 3	x 3
		Display Port 1.2	x 1	x 1	x 1	x 1
	Output	Audio (3.5 mm)	x 1	x 1	x 1	x 1
		VGA	No	No	No	No
		DVI	No	No	No	No
		HDMI 2.0	x 1	x 1	x 1	x 1
		DisplayPort	No	No	No	No
		Audio (3.5mm)	x 1	x 1	x 1	x 1
	USB	Type A	x 4 (20 x 2 + 30 x 2 for OPS)	x 4 (20)	x 4 (20)	x 4 (20)
		Type B	x 2 (20)	x 2 (20)	x 2 (20)	x 2 (20)
		Type C	No	No	No	No
RS232	x 1	x 1	x 1	x 1		
RJ45	10 / 100 Mbps (Android)	10 / 100 Mbps (Android)	10 / 100 Mbps (Android)	10 / 100 Mbps (Android)		
Remote controller	x 1	x 1	x 1	x 1		
Audio	Built-in speaker	2 x 15 W (Internal)	2 x 15 W (Internal)	2 x 15 W (Internal)	2 x 16 W (Internal)	
	Array microphones	No	No	No	No	
Mechanical	Dimension (mm)	Screen	1506.3 × 901.3 × 96.1	1735.9 × 1034.5 × 103.8	1991.6 × 1182.6 × 112.8	2244.9 × 1340.4 × 108.2
		Net weight	42	58	74.5	113
	Weight (kg)	Gross weight	56.5	77	96	168
		Bezel width (mm)	27 / 47 / 27 / 27	27 / 47 / 27 / 27	28 / 48 / 28 / 28	30.6 / 70.6 / 30.6 / 30.6
	Wall mounting (VESA) (screw type / max. length)	600 × 400 (4 × M8 × 20L)	600 × 400 (4 × M8 × 20L)	700 × 400 (4 × M8 × 20L)	800 × 600 (4 × M8 × 20L)	
	Wall mount kit	Included	Included	Included	Included	
	OPS slot	Yes	Yes	Yes	Yes	
	NFC sensor	No	No	No	No	
	Pen tray	No	No	No	No	
	Unique software	Wireless screen sharing & casting	InstaShare	InstaShare	InstaShare	InstaShare
Collaborative whiteboarding (Android & Windows)		EZWrite 5.0	EZWrite 5.0	EZWrite 5.0	EZWrite 5.0	
Cloud whiteboarding for remote & hybrid learning (Google Classroom Integration)		EZWrite Live	EZWrite Live	EZWrite Live	EZWrite Live	
Remote broadcast system		X-Sign Broadcast	X-Sign Broadcast	X-Sign Broadcast	X-Sign Broadcast	
Instant access to cloud storage & account management		AMS	AMS	AMS	AMS	
Centralised and remote device management		DMS	DMS	DMS	DMS	

MASTER SERIES

PREMIUM SERIES

RM6503	RM7503	RM8603	RP6502	RP7502	RP8602
65"	75"	86"	65"	75"	86"
4K UHD 3840 × 2160	4K UHD 3840 × 2160	4K UHD 3840 × 2160	4K UHD 3840 × 2160	4K UHD 3840 × 2160	4K UHD 3840 × 2160
400 nits	450 nits	450 nits	350 nits	450 nits	400 nits
1200 : 1	1200 : 1	1200 : 1	1200 : 1	1200 : 1	1200 : 1
178° / 178°	178° / 178°	178° / 178°	178°	178°	178°
8 ms	8 ms	8 ms	8 ms	8 ms	8 ms
50,000	50,000	50,000	50,000	50,000	50,000
AG, Haze 25%	AG, Haze 25%	AG, Haze 25%	AG, Haze 25%	AG, Haze 25%	AG, Haze 25%
18 hours / 7 days	18 hours / 7 days	18 hours / 7 days	18 hours / 7 days	18 hours / 7 days	18 hours / 7 days
Landscape	Landscape	Landscape	Landscape	Landscape	Landscape
8 GB	8 GB	8 GB	4 GB	4 GB	4 GB
32 GB	32 GB	32 GB	32 GB	32 GB	32 GB
Android 9.0	Android 9.0	Android 9.0	Android 8.0	Android 8.0	Android 8.0
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, 50-60 Hz	100 V~240 V, 50-60 Hz	100 V~240 V, 50-60 Hz
334.6	395.9	488.2	202	375	423
191	223	339	153	262	317
<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Built-in	Built-in	Built-in	Built-In	Built-in	Built-in
LAN / HDMI / VGA / DP	LAN / HDMI / VGA / DP	LAN / HDMI / VGA / DP	VGA / HDMI / LAN	VGA / HDMI / LAN	VGA / HDMI / LAN
Infrared	Infrared	Infrared	Fine IR Plus	Fine IR Plus	Fine IR Plus
40	40	40	20	20	20
USB Type B x 3	USB Type B x 3	USB Type B x 3	USB Type B x 3	USB Type B x 3	USB Type B x 3
3.2 mm	3.2 mm	3.2 mm	4 mm	4 mm	4 mm
9H	9H	9H	9H	9H	9H
Yes	Yes	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Smart Eye-Care	Smart Eye-Care	Smart Eye-Care
No	No	No	CO <sub>2</sub> - PM <sub>2.5</sub> - PM <sub>10</sub>	CO <sub>2</sub> - PM <sub>2.5</sub> - PM <sub>10</sub>	CO <sub>2</sub> - PM <sub>2.5</sub> - PM <sub>10</sub>
Yes	Yes	Yes	Yes	Yes	Yes
0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C
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	10% ~ 90% RH non-condensing
Energy 8.0 certified	Energy 8.0 certified	Energy 8.0 certified	Energy 8.0 certified	Energy 8.0 certified	Energy 8.0 certified
x 1	x 1	x 1	x 1	x 1	x 1
No	No	No	No	No	No
x 3	x 3	x 3	x 3	x 3	x 3
x 1	x 1	x 1	No	No	No
x 1	x 1	x 1	x 1	x 1	x 1
No	No	No	No	No	No
No	No	No	No	No	No
x 1	x 1	x 1	x 1	x 1	x 1
No	No	No	No	No	No
x 1	x 1	x 1	x 1	x 1	x 1
x 7 (2.0 x 2 / 3.2 Gen 1 x 5)	x 7 (2.0 x 2 / 3.0 x 5)	x 7 (2.0 x 2 / 3.0 x 5)	x 7 (2.0 x 2 / 3.2 Gen 1 x 5)	x 5 (2.0 x 3 / 3.0 x 2)	x 5 (2.0 x 3 / 3.0 x 2)
x 3 (2.0 x 2 / 3.0 x 1)	x 3 (2.0 x 2 / 3.0 x 1)	x 3 (2.0 x 2 / 3.0 x 1)	x 3 (2.0)	x 3 (2.0)	x 3 (2.0)
x 1	x 1	x 1	x 1	x 1	x 1
x 1	x 1	x 1	x 1	x 1	x 1
x 2 (Android/OPS)	x 2 (Android/OPS)	x 2 (Android/OPS)	10 / 100 Mbps (Android)	10 / 100 Mbps (Android)	10 / 100 Mbps (Android)
x 1	x 1	x 1	x 1	x 1	x 1
2 x 16 W	2 x 16 W	2 x 16 W	2 x 16 W / 1 x Subwoofer 15 W	2 x 16 W / 1 x Subwoofer 15 W	2 x 16 W / 1 x Subwoofer 15 W
x 6	x 6	x 6	x 8	x 8	x 8
1506 × 951 × 120	1717 × 1065 × 121	1962 × 1203 × 121	1505.9 × 951 × 121.5	1735.5 × 1085.8 × 130.7	1988.8 × 1229.8 × 141.6
41.5	53	68.5	44	61	79
57.5	72	89.5	56	78	97.5
16.6 / 16.6 / 16.6 / 16.6	16.6 / 16.6 / 16.6 / 16.6	16.6 / 16.6 / 16.6 / 16.6	23.4 / 23.4 / 23.4 / 23.4	23.4 / 23.4 / 23.4 / 23.4	11.7 / 11.7 / 11.7 / 11.7
600 × 400 (4 × M8 × 20L)	800 × 400 (4 × M8 × 20L)	800 × 600 (4 × M8 × 20L)	600 × 400 (4 × M8 × 20L)	600 × 400 (4 × M8 × 20L)	700 × 400 (4 × M8 × 20L)
Included	Included	Included	Included	Included	Included
Yes	Yes	Yes	Yes	Yes	Yes
No	No	No	Yes	Yes	Yes
Yes	Yes	Yes	Yes	1	1
InstaShare 2	InstaShare 2	InstaShare 2	InstaShare	InstaShare	InstaShare
EZWrite 6.0	EZWrite 6.0	EZWrite 6.0	EZWrite 5.0	EZWrite 5.0	EZWrite 5.0
EZWrite Web	EZWrite Web	EZWrite Web	EZWrite Live	EZWrite Live	EZWrite Live
X-Sign Broadcast	X-Sign Broadcast	X-Sign Broadcast	X-Sign Broadcast	X-Sign Broadcast	X-Sign Broadcast
AMS	AMS	AMS	AMS	AMS	AMS
DMS	DMS	DMS	DMS	DMS	DMS











SPECIFICATIONS

Model	SMART SERIES		LAMP PROJECTORS		
	EW800ST	EW600 EH600	MW855UST+ MH856UST+	MX825STH MW826STH	MX808STH MW809STH
Technology	DLP Dark Chip 3	DLP Dark Chip 3	DLP Dark Chip 3	DLP Dark Chip 3	DLP Dark Chip 3
Resolution	WXGA (1280 x 800)	WXGA (1280 x 800) / Full HD (1920 x 1080)	WXGA (1280 x 800) / Full HD (1920 x 1080)	XGA (1024 x 768) / WXGA (1280 x 800)	XGA (1024x768) / WXGA (1280x800)
Brightness	3,300 lumens	3,600 lumens / 3,500 lumens	3,500 lumens	3,500 lumens	3,600 lumens
Contrast ratio	20,000:1	20,000:1 / 10,000:1	10,000:1	20,000:1	20,000:1
Throw ratio	0.49:1	1.55~1.7 / 1.49~1.64	0.35:1 / 0.33:1	0.61:1 / 0.49:1	0.61:1 / 0.49:1
Zoom ratio	Fixed	1.1x	Fixed	Fixed	Fixed
Lens shift (manual)	-	-	Vertical ±2% / NA	-	-
Noise level (normal/eco)	33/29 dBA	33/29 dBA	34/29 dBA	33/29 dBA	34/29 dBA
Light source	Lamp	Lamp	Lamp	Lamp	Lamp
Light source life (hours)	15,000 (LampSave), 10,000 (SmartEco), 10,000 (Economic), 5,000 (Normal)	15,000 (LampSave), 15,000 (SmartEco), 10,000 (Economic), 5,000 (Normal)	12,000 (LampSave), 10,000 (SmartEco), 8,000 (Economic), 5,000 (Normal)	15,000 (LampSave), 10,000 (SmartEco), 10,000 (Economic), 6,000 (Normal)	15,000 (LampSave), 10,000 (SmartEco), 10,000 (Economic), 6,000 (Normal)
Resolution supported	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)	Up to WUXGA_RB (1920 x 1200)
Input connectivity VGA (D-sub 15-pin)	x1 (shared w/component video)	x1	x1 (shared w/component video)	x2	x2
Composite video (RCA)	-	-	x1	x1	-
Component video	-	-	-	-	-
S-Video	-	-	-	x1	-
DVI-D	-	-	-	-	-
HDBase-T (RJ45) separated from LAN	-	-	-	-	-
HDMI	x1 (1.4a/HDCP1.4)	x1 (1.4a/HDCP1.4)	x2 (2.0a/HDCP2.2)	x2 (1.4a/HDCP1.4) (x1 MHL)	x2 (1.4a/HDCP1.4)
Audio Input	x1 (3.5 mm)	x1 (3.5 mm)	x1 (3.5 mm), x1 RCA (L/R)	x2 (3.5 mm), x1 RCA (L/R)	x2 (3.5 mm)
Output connectivity VGA (D-sub 15-pin)	x1	x1	x1	x1	x1
Audio Output	x1 (3.5 mm)	x1 (3.5 mm)	x1 (3.5 mm)	x1 (3.5 mm)	x1 (3.5 mm)
USB	USB (type A)	x3 (power supply 1.0 A/1.5 A - reader / wireless dongle)	x1 (power supply 5 V/1.5 A)	x1 (power supply 1.5 A)	x1 (power supply 5V/1.5A)
	USB (type B)	-	x1 (Service)	-	-
	USB (type mini B)	x1 (service / page up&down)	x1 (service / page up&down)	x1 (point write)	x1 (service / page up&down)
RS232 (DB 9-pin)	x1	x1	x1	x1	x1
RJ45 (LAN control), Crestron eControl, Crestron RoomView, AMX Device Discovery, PJ Link	x1	-	x1	x1	-
DC 12 V trigger / wired remote control	- / -	- / -	- / -	- / -	- / -
Built-in speaker	1 x 2 W	1 x 2 W	2 x 10 W	1 x 10 W	1 x 10 W
Dimensions (WxHxD)	296 x 120 x 250 mm	296 x 120 x 232 mm	287.5 x 206.9 x 373.3 mm (w/mirror), 287.5 x 130.2x 373.3 mm (w/o mirror)	296 x 120 x 239 mm	296 x 120 x 239 mm
Weight	2.6 kg	2.5 kg	5 kg	2.6 kg	2.6 kg
Power consumption (normal)	280 W	280 W	320 W	260 W	260 W
Lamp part number	5JjLT05.001	5JjLT05.001/5JjLV05.001	5JjC505.001/5JjDT05.001	5JjGP05.001	5JjMG05.001/5JjGP05.001
Other features	VGA/HDMI Signal Power On, Built-in Android system, Wireless projection, USB reader, AMS (Account Management)	VGA/HDMI Signal Power On, Built-in, Android system, Wireless projection, USB reader, AMS (Account Management)	VGA/HDMI Signal Power On, SmartEco Technology, 2D Keystone and Corner fit, Optional Driver, Free Interactive, Supplied wall mount	VGA/HDMI Signal Power On, AMS (Account Management), Auto Power Off, 3D ready, Wall Color Correction	VGA/HDMI Signal Power On, SmartEco Technology, AMS (Account Management), Auto Power Off, 3D ready, Wall Color Correction
Optional accessories	InstaShow, FULL HD Adapter, PSR01 Presentation Plus, 3D Glasses DGD5	InstaShow, FULL HD Adapter, PSR01 Presentation Plus, 3D Glasses DGD5	InstaShow, FULL HD Adapter, Interactive Kit PW30U, PT20 Touch Laser Curtain, 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

LASER PROJECTORS

LH890UST LW890UST	LU935	LU9750/ LU9800
DLP Dark Chip 3	DLP Dark Chip 3	DLP Dark Chip 3
Full HD (1920 x 1080) / WXGA (1280 x 800)	WUXGA (1920 x 1200)	WUXGA (1920 x 1200)
4,000 lumens	6,000 lumens	8,500 lumens / 10,000 lumens
3,000,000:1	3,000,000:1	3,000,000:1
0.23:1 / 0.24:1	1.36~2.18:1	<b>8 Motorised Lenses</b>
Fixed	1.6X	
-	Horizontal ±23% / Vertical ±60%	Vertical -15%~55% Horizontal -10% ~ 10%
35/32 dBA (without dust filter) 37/34 dBA (with dust filter)	39/32 dBA	38/35 dBA / 42/38 dBA
Laser	Laser	Laser
20,000 (normal)	20,000 (normal)	30,000 (normal)
Up to WUXGA_RB (1920 x 1200)	Up to 4K UHD (3840 x 2160)	Up to 4K (3840 x 2160)
x1 (shared w/component video)	x1	x1
x1	-	-
-	-	x1 (5BNC)
x1	-	-
-	-	x1
-	x1	x1 (Control/Video/Audio)
x2 (1.4b/HDCP1.4) (x1 MHL)	x2 (2.0a/HDCP2.2)	x2 (2.0a/HDCP2.2)
x1 (3.5 mm), x1 RCA (L/R)	x1 (3.5 mm)	x1 (3.5 mm), x1 RCA (L/R)
x1	x1	x1
x1 (3.5 mm)	x1 (3.5 mm)	x1 (3.5mm), x1 RCA (L/R)
x1 (power supply 5 V/1.5 A)	x1 (power supply 5 V/1.5 A)	x1 (power supply 5 V/2 A)
-	-	x1 (Service)
x2 (service / point write)	-	-
x1	x1	x2 (In/Out)
x1	x1	x1
- / -	1 / 1	x1 (mini jack 3.5)
1 x 10 W	1 x 10 W	2 x 10 W
502.1 x 164.5 x 399.3 mm	416 x 166 x 351 mm	500 x 211 x 587.3 mm
9.06 kg	7 kg	16.4 kg / 26.8 kg
358 W	440 W	792 W / 893 W
-	-	-
VGA/HDMI Signal Power On, 2D Keystone and Corner fit, Digital Zoom, Wall Color Correction	Instant On/Off and Signal Power On, DustGuard IPSX Seal Engine, 2D Keystone and Corner fit, White Balance Adjustment, Wall Color Correction	HDMI Signal Power On, 360° projection (V/H) and 24/7, 2D Keystone and Corner fit, Factory WBA Calibration, 16.67ms Low Latency in Fast Mode
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, 8 Optional Motorised Lenses, FULL HD Adapter, PSR01 Presentation Plus, 3D Glasses DGD5

MOTORISED LENSES

Lenses	Throw ratio	Zoom ratio	Lens shift
<b>LS1ST4</b> 	Ultra Short Throw		
	0.377	Fixed	V: -3% ~ 7% H: -5%~5%
<b>LS1ST3A</b> 	Short Throw		
	0.77~1.1	1.42x	V: -15% ~ 55% H: -5%~5%
<b>LS1ST2A</b> 	Wide Zoom		
	1.1 ~ 1.3	1.18x	V: -15% ~ 55% H: -5%~5%
<b>LS1ST1A</b> 	Wide Zoom		
	1.25~1.6	1.28x	V: -15% ~ 55% H: -5%~5%
<b>LS1SDA</b> 	Standard		
	1.54 ~ 1.93	1.25x	V: -15% ~ 55% H: -5%~5%
<b>LS1LT1</b> 	Semi Long		
	2.22 ~ 3.67	1.65x	V: 0 ~ 50% H: -10%~ 10%
<b>LS1LT2</b> 	Long Zoom		
	3.58 ~ 5.38	1.5x	V: 0 ~ 50% H: -10%~ 10%
<b>LS1LT3</b> 	Long Zoom		
	5.31~8.26	1.55x	V: 0 ~ 50% H: -10%~ 10%

SPECIFICATIONS

DIGITAL SIGNAGE

Model		ST4302S	ST5502S	ST6502	ST7502	ST8602	
Panel	Screen size	43"	55"	65"	75"	86"	
	Resolution	UHD 3840 x 2160	UHD 3840 x 2160	UHD 3840 x 2160	UHD 3840 x 2160	UHD 3840 x 2160	
	Brightness (typ.)	400 nits	400 nits	450 nits	450 nits	450 nits	
	Contrast ratio (typ.)	1200: 1	1300: 1	1200:1	1200:1	1200:1	
	Viewing angle (H/V)	178°	178°	178°	178°	178°	
	Response time (G-t-G)	8	8	8	8	8	
	Backlight life (hrs)	30,000	30,000	30,000	30,000	30,000	
	Panel surface	AG, Haze 1%	AG, Haze 3%	AG, Haze 25%	AG, Haze 25%	AG, Haze 25%	
	Operating hours	18 hrs / 7 days	18 hrs / 7 days	18 hrs / 7 days	18 hrs / 7 days	18 hrs / 7 days	
	Orientation	Landscape / Portrait	Landscape / Portrait	Landscape	Landscape	Landscape	
Platform solution	System memory	3 GB	3 GB	3 GB	3 GB	3 GB	
	Storage	16 GB	16 GB	16 GB	16 GB	16 GB	
	OS	Android 8.0	Android 8.0	Android 8.0	Android 8.0	Android 8.0	
Power	Power supply	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, 50-60 Hz	100 V~240 V, 50-60 Hz	
	Power consumption	Maximum (W/h)	150	185	320	320	550
		Typical (W/h)	110	134	132	164	266
		Standby mode (W/h)	≤0.5 W	≤0.5 W	≤0.5 W	≤0.5 W	≤0.5 W
	AC power switch	Yes	Yes	Yes	Yes	Yes	
Wake up	VGA / HDMI	VGA / HDMI	VGA / HDMI	VGA / HDMI	VGA / HDMI		
Environment	Operating temperature	0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C	
	Operating humidity	10% ~ 80% RH non-condensing	10% ~ 80% RH non-condensing	20% ~ 90% RH non-condensing	20% ~ 90% RH non-condensing	20% ~ 90% RH non-condensing	
	Energy efficiency	Energy 8.0 certified	Energy 8.0 certified	Energy 8.0 certified	Energy 8.0 certified	Energy 8.0 certified	
Connectivity	Input	VGA	x 1	x 1	x 2	x 3	x 4
		DVI	x 1	x 1	x 1	x 1	x 1
		HDMI	2.0 x 2	2.0 x 2	2.0 x 2	2.0 x 2	2.0 x 2
		Display port	No	No	1.2 x 1	1.2 x 1	1.2 x 1
	Output	VGA	No	No	No	No	No
		DVI	No	No	No	No	No
		HDMI	No	No	1.3 x 1	1.3 x 1	1.3 x 1
		Display port	No	No	No	No	No
	USB	Type A	2.0 x 2	2.0 x 2	x 3 (2.0 x 2 / 3.2 Gen 1 x 1)	x 3 (2.0 x 2 / 3.2 Gen 1 x 1)	x 3 (2.0 x 2 / 3.2 Gen 1 x 1)
		Type B	No	No	No	No	No
		Type C	No	No	No	No	No
	RS232	Yes	Yes	Yes	Yes	Yes	
	RJ45	Yes	Yes	No	No	No	
Remote controller	Yes	Yes	Yes	Yes	Yes		
Audio	Internal speaker	2 x 10 W	2 x 10 W	2 x 12 W	2 x 12 W	2 x 12 W	
Mechanical	Dimensions (mm)	Screen	973.0 x 561.2 x 63.5	1241.8 x 712.6 x 63.5	1450.6 x 828.1 x 78.5	1672.2 x 954.9 x 75.3	1930.8 x 1109.3 x 82.8
		Net weight	10.7	16.6	22.9	29.3	50.4
	Weight (kg)	Gross weight	14.3	22.0	33.6	37.1	69.8
		Bezel width (mm)	13.9 / 13.9 / 13.9 / 13.9	13.9 / 13.9 / 13.9 / 13.9	8.8 / 12.8 / 8.8 / 8.8	9.0 / 13.3 / 9.0 / 9.0	13.9 / 23.4 / 13.9 / 13.9
	Wall mounting (VESA) (screw type / max. length)	200 x 200 mm (4 x M6 x 15L)	400 x 400 mm (4 x M6 x 15L)	400 x 200 mm (4 x M6 x 10L)	400 x 200 mm (4 x M8 x 15L)	600 x 400 mm (4 x M8 x 20L)	
	OPS slot	No	No	Yes	Yes	Yes	
Software	Wireless screen sharing & casting	InstaShare	InstaShare	InstaShare	InstaShare	InstaShare	
	Remote broadcast system	X-Sign Broadcast	X-Sign Broadcast	X-Sign Broadcast	X-Sign Broadcast	X-Sign Broadcast	
	Centralised and remote device management	DMS Cloud/Local	DMS Cloud/Local	DMS Cloud/Local	DMS Cloud/Local	DMS Cloud/Local	

SMART INTERACTIVE SIGNAGE

Model		IL4301	IL5501	
Panel	Screen size	43"	55"	
	Resolution	UHD 3840 x 2160	UHD 3840 x 2160	
	Brightness (typ.)	400 nits	400 nits	
	Contrast ratio (typ.)	1200: 1	1300: 1	
	Viewing angle (H/V)	178°	178°	
	Response time (G-t-G, ms)	8	9	
	Backlight life (hrs)	40,000	50,000	
	Panel Surface	AG, Haze 1%	AG, Haze 3%	
	Operating hours	24 hrs / 7 days	24 hrs / 7 days	
	Orientation	Landscape / Portrait	Landscape / Portrait	
Touch solution	Touch technology	Infrared	Infrared	
	Touch points	40	40	
	Resolution	32768 x 32768	32768 x 32768	
Platform solution	System memory	3 GB	3 GB	
	Storage	32 GB	32 GB	
	OS	Android 8.0	Android 8.0	
Power	Power supply	100 V~240 V, 50-60 Hz	100 V~240 V, 50-60 Hz	
	Power consumption	Maximum (W/h)	150	230
		Typical (W/h)	82	111
		Standby mode (W/h)	<0.5 W	<0.5 W
	AC power switch	Yes	Yes	
Wake up	HDMI / LAN	HDMI / LAN		
Environment	Operating temperature	0°C ~ 40°C	0°C ~ 40°C	
	Operating humidity	20% ~ 85% RH non-condensing	20% ~ 85% RH non-condensing	
	Energy efficiency	Energy 8.0 certified	Energy 8.0 certified	
Connectivity	Input	VGA / HDMI / Display port	x 1 / 2.0 x 2 / 1.2 x 1	
	Output	HDMI	2.0 x 1	
	USB	Type A / Type B	2.0 x 2 / 2.0 x 1 (for touch)	
	LAN		Yes	
Audio	Remote controller		Yes	
	Internal speaker		Yes	
Mechanical	Internal speaker	2 x 10 W	2 x 10 W	
	Dimensions (mm)	Screen	1011.0 x 599.2 x 97.4	1284.1 x 754.9 x 92.6
		Weight (kg)	Net/gross weight	18.8 / 24.0
	Bezel width (mm)		16.6 / 16.6 / 16.6 / 16.6	16.6 / 16.6 / 16.6 / 16.6
	Wall mounting (VESA) (screw type/max. length)		200 x 400 mm (4 x M6 x 8L)	400 x 400 (4 x M6 x 15L)
	OPS slot		x 1	x 1
Software	Wireless presentation		InstaShare	
	Media content		X-Sign	
	Digital broadcasting		X-Sign Broadcast	
	Video conferencing		TeamViewer Meeting	
	Device management		DMS Cloud/Local	