YOUR BUSINESS

IMAGINED, INVENTED.

BenQ Digital Signage Product Catalogue 2015

BenQ

Because it matters

Revving Up the Customer Experience in the Age of the Millennials

For those growing up in today's world, amid its ubiquitous connectivity, real-time communication, and instant access to information, it's only natural that commodities, products, and services should be regarded as merely external – it is the customer experience that matters. Customers demand individualized attention and are willing to pay a premium for this personalized experience.

BenQ aspires to help you build engaging digital in-store experiences that enhance your customer relationship in the consumer, professional, and commercial worlds. Our best-of-breed digital signage products are designed to help you deploy your customer engagement strategy, while our worldwide network and synergy of partners provide the support you need.

86% of buyers will pay more for an improved customer experience.

70% of buying experiences are based on how the customers perceive they are being treated.

By 2020, **a customer experience** will overtake price and product to become the predominant brand differentiator.

Source: Vision Critical infographic (July 2014/2015)

Worldwide service

The BenQ Group is a $20+ billion powerhouse comprised of industry-leading companies operating in over 30 countries; each contributing to the BenQ Group's vast resources, extensive R&D, and distinct strategic strengths.

Diverse display offering

Our PID panels are built to deliver longer service life, higher dependability and environmental adaptability for a wide array of venues. They are designed to empower your message and ultimately your business, with low total cost of ownership, solid quality, and outstanding performance.

Comprehensive installation solution

To ensure the success of your digital signage deployment, as part of our effort to provide a one-stop digital signage solution for our customers, we have incorporated diverse software applications for system installation and management, in addition to various types of mounting products.

Environmental care

We are committed to all-aspect environmental friendliness in terms of manufacturing and operations during the entire product manufacturing cycle, safeguarding the development of greener products, technologies and business processes.

Superior product design

With a full range of distinctive and thoughtful hardware and software features, BenQ's digital signage products integrate the highest flexibility and versatility in deployment, configuration, and management.

Special signage

DOUBLE-SIDED SERIES

DH551C / DH551F

Tell both sides of your story

Designed to expand the reach of your messages, our award-winning double-sided displays offer a new way of presenting information and advertisements, empowering you to engage your customers like never before.

Recommended applications:
- ✓ Retail
- ✓ Luxury brands & hotels
- ✓ Transportation
- ✓ Entertainment
- ✓ Exhibitions

Custom service support
- Protective glass cover for floor stand installation
- Touch interactivity with added touch sensing module

*Actual size

Ultra slim sophistication

The world's slimmest aero-thin panel design is set at less than 23.4mm – about the width of your thumb. This state-of-the-art technological achievement enables installation and placement at the most unexpected places to generate the most attention.

24/7 operation

An amazing life of 50,000 hours translates to years of non-stop display service and reliable industrial-class performance far more economical than consumer models.

Best New Product Overall
BenQ Double-Sided Floor Stand Digital Signage Display

Best New Digital Signage Mount
BenQ Perpendicular, Double-Sided Wall Mounted Display

About Digital Signage Expo

Digital Signage Expo (DSE) is the world's largest and longest-running conference and

trade show exclusively dedicated to showcasing innovative digital communications and interactive technology solutions for customer- and employee-oriented organizations.

One media player, two sets of contents

All you need is one media player to display contents on either side of your new double-sided displays via HDMI, saving you considerable time and effort on setup and making it super easy to access and make any necessary changes to the contents being displayed.

178°/178° wide-viewing angles

The incorporation of MVA technology enables a symmetrical viewing angle of 178° from all directions. Hence, your vivid, high-quality image can be viewed from every standpoint for the maximum exposure.

Optimized for portrait and landscape mode

To ensure flawless portrait display, a structure featuring more solid fixing points on all edges is employed to prevent "Mura" image distortion commonly seen on vertically positioned consumer displays.
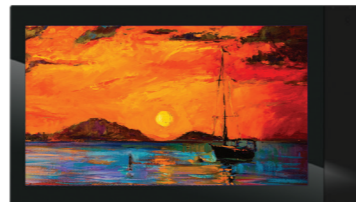
DH551F   DH551C

High brightness

A high brightness level of up to 700 nits is achieved on both sides of the ultra-slim display to fully support indoor and semi-outdoor applications.

	DH551C	DH551F
Screen Diagonal	55"	55"
Backlight	E-LED	E-LED
Resolution (pixels)	FHD 1,920 × 1,080	FHD 1,920 × 1,080
Aspect Ratio	16:9	16:9
Brightness (typ.)/(min.)	700 / 700 nits	700 / 700 nits
Contrast ratio (typ.)	3,000:1	3,000:1
Viewing Angle (Horizontal/Vertical)	178°/178°	178°/178°

*Specification may vary by model and region.

Stand (portrait; with removable wheels)

Ceiling mount

Wall mount (portrait)

Wall mount (landscape)
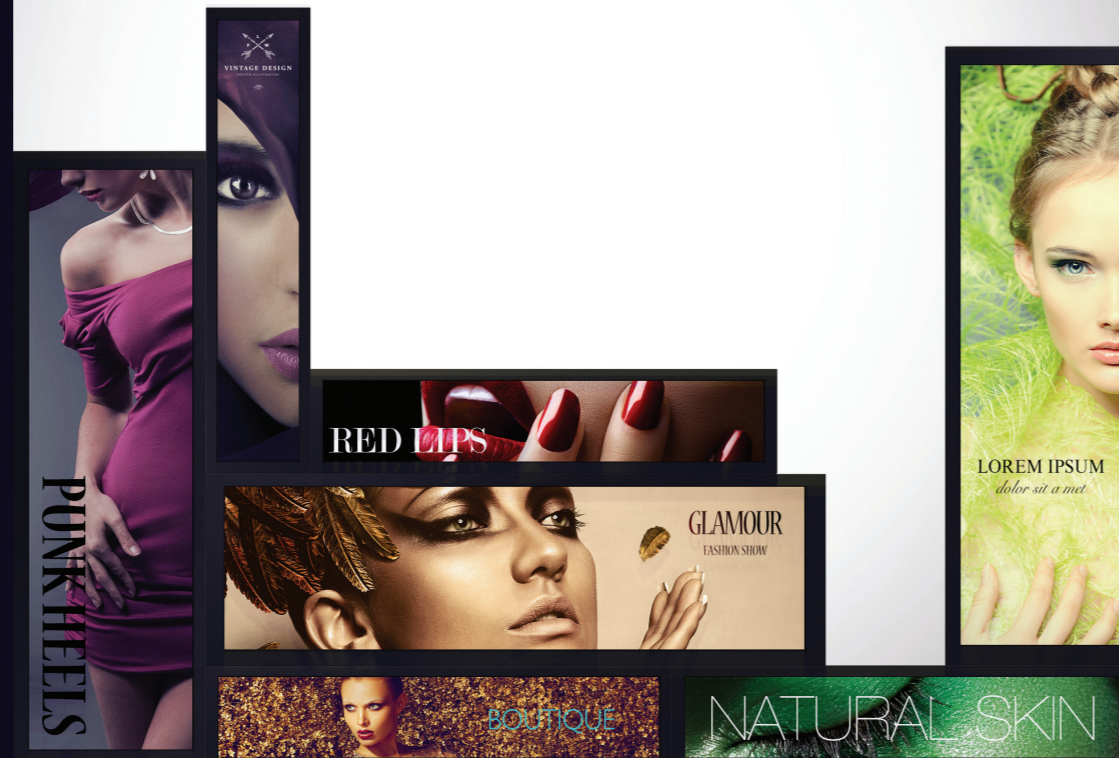
Special signage
BAR-TYPE
BH280 / BH380

Whichever you see fit

Featuring a long-structure design rarely seen in the market, our bar-type displays allow you to make use of in-store spaces in new and exciting ways, offering greater flexibility in messaging and advertising.
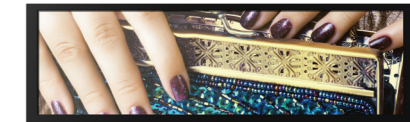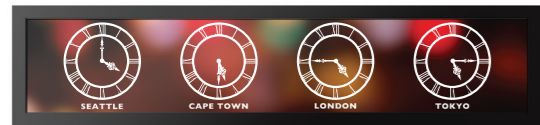
Multi-formational display

With special proportional sizes modified by an innovative, patented panel-cutting technology, our bar-type displays cater to unique spatial demands, such as public transit systems, elevators, bank interior display monitors, or any display area that calls for long and narrow designs.

Optimized for landscape and portrait mode

Unlike anything else on the market, our bar-type displays are built to ensure a flawless portrait view. With a structural design that employs more solid fixing points on all edges, we are able to prevent "Mura" image distortion, which is commonly seen on vertically positioned consumer displays.
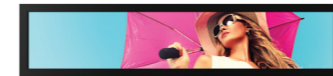
Superior build

The metal case exterior possesses a higher reliability than a plastic case, making the bar-type displays ideally suited to a wide range of locations, from indoor advertisements to transportation centers.
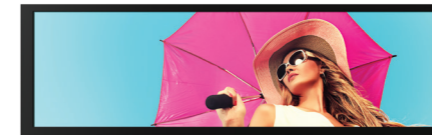

24/7 operation

An amazing life of 50,000 hours translates to years of non-stop display service and reliable industrial-class performance far more economical than consumer models.

Smart help for small businesses:
X-Sign content management software

Customize and manage your message with this creative software, designed to help you engage your customers by offering more than 50 whimsical templates for a wide range of applications.

High brightness

At 800 nits brightness, our BH380 offers striking colors and clarity even in brightly lit environments. An alternative would be the 28" BH280, which offers a high brightness of 700 nits. Both displays fully support your indoor and semi-outdoor applications.

	BH280	BH380
Screen Diagonal	28"	38"
Backlight	E-LED	E-LED
Resolution (pixels)	1,920 × 358	1,920 × 545
Aspect Ratio	16:3	32:9
Brightness	700 nits	800 nits
Contrast ratio (typ.)	3,000:1	4,000:1
Viewing Angle (Horizontal/Vertical)	178°/178°	178°/178°

*Specification may vary by model and region.

BH280

BH380

Fixed wall mount
(BH380 only)

Rotational wall mount

Special signage

TRANSPARENT SERIES

TL240C / TL320C / TL320F / TL500F / TL650F

Exhibition of great depth

Have your products speak for themselves with our transparent digital signage lineup.
Even more of a rarity in the market today,
these displays connect the physical to the virtual display world
to create the most wondrous and instantaneous visual effect!

Recommended applications:

✓ Retail
✓ Hotel
✓ Exhibitions
✓ Education
✓ Healthcare

Custom service support
• Touch interactivity with added touch sensing module
• Video wall installation with multiple display connectivity

Innovative appeal

Attract more with our innovative transparent displays, combining an interactive screen effect through the merchandise display and image information. These can be used to showcase new products in vending machines and store windows, or even as part of a building design, for a one-of-a-kind outlook.

Optimized for portrait mode

To ensure flawless portrait display, a structure featuring more solid fixing points on all edges is employed to prevent "Mura" image distortion commonly seen on vertically positioned consumer displays.
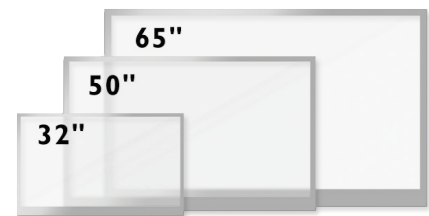
Available in various sizes

BenQ offers transparent modules in dimensions of 65'', 50'' and 32'', giving you the creative freedom to design your own transparent display. You can incorporate various types of housing and backlight options with digital multimedia contents via HDMI input. This flexibility allows these modules to be used expansively in furnishings in museums, exhibitions, and boutique window decorations.

Ultra vivid transparent imagery transmission

Featuring an exclusive pixel design, the transparent modules strike the optimal balance between desired transparency effect and excellent optical performance with a color depth of up to 16.7 million colors per interface. On top of this, the level of transparency can be adjusted according to the lighting source in your environment and the style and feature of the displayed content to achieve the highest display versatility.

178°/178° wide-viewing angles

The incorporation of MVA technology enables a symmetrical viewing angle of 178° from all directions. Hence, your vivid, high-quality image can be viewed from every standpoint for the maximum exposure.

TL240C/TL320C: the all-in-one transparent box display

Plug-and-play simplicity

Say goodbye to the cable hassles and complex settings that come with PC connection. Simply plug a flash drive into the TL240C/TL320C USB port to access your files in popular formats such as MP4 and JPEG for display or playback.

Multimedia connectivity support

With multiple multimedia connectivity, the TL240C/TL320C is very convenient, as a user can import a wide variety of information at any given time.

Built-in speakers

The interior of the box has been pre-installed with two 2W speakers to play audio or audiovisual files directly, giving your customers a holistic experience.

	TL240C	TL320C	TL320F	TL500F	TL650F
Screen Diagonal	24"	32"	32"	50"	65"
Backlight	LED light bar	LED light bar	N/A	N/A	N/A
Resolution (pixels)	1,366 × 768	1,366 × 768	1,366 × 768	FHD 1,920 × 1,080	FHD 1,920 × 1,080
Aspect Ratio	16:9	16:9	16:9	16:9	16:9
Brightness	170 nits	250 nits	N/A	N/A	N/A
Contrast ratio (typ.)	3,000:1	3,000:1	3,000:1	4,000:1	4,000:1
Viewing Angle (Horizontal/Vertical)	178°/178°	178°/178°	178°/178°	178°/178°	178°/178°

| TL240C | TL320C | TL320F | TL500F | TL650F |

*Specification may vary by model and region.

SMART SIGNAGE SERIES

ST550K

Your one-stop display solution for smart business

This all-in-one display is your one-stop solution to enhance the customer experience for your business. Easy to install, use and manage without needing additional media devices, our Smart Signage series simply makes doing business smarter.

Recommended applications:

✓ Retail
✓ Restaurant
✓ Corporate

EASY TO **INSTALL**

4K

EASY TO **DISPLAY**

EASY TO **MANAGE**

The smarter choice for small businesses

Traditional digital signage solutions can be a major investment due to the high upfront and ongoing associated costs. Compared to the hidden expenses such as installation work, media player purchase, software setup, power consumption and content creation, the display itself is merely the tip of an iceberg.

A BenQ smart signage, in contrast, already comes with a built-in media player and software applications designed to help owners' various display and advertisement needs. It's easy to install, set up, and manage, requiring very little effort, time, and resources to get your business going. A true one-stop solution for all.

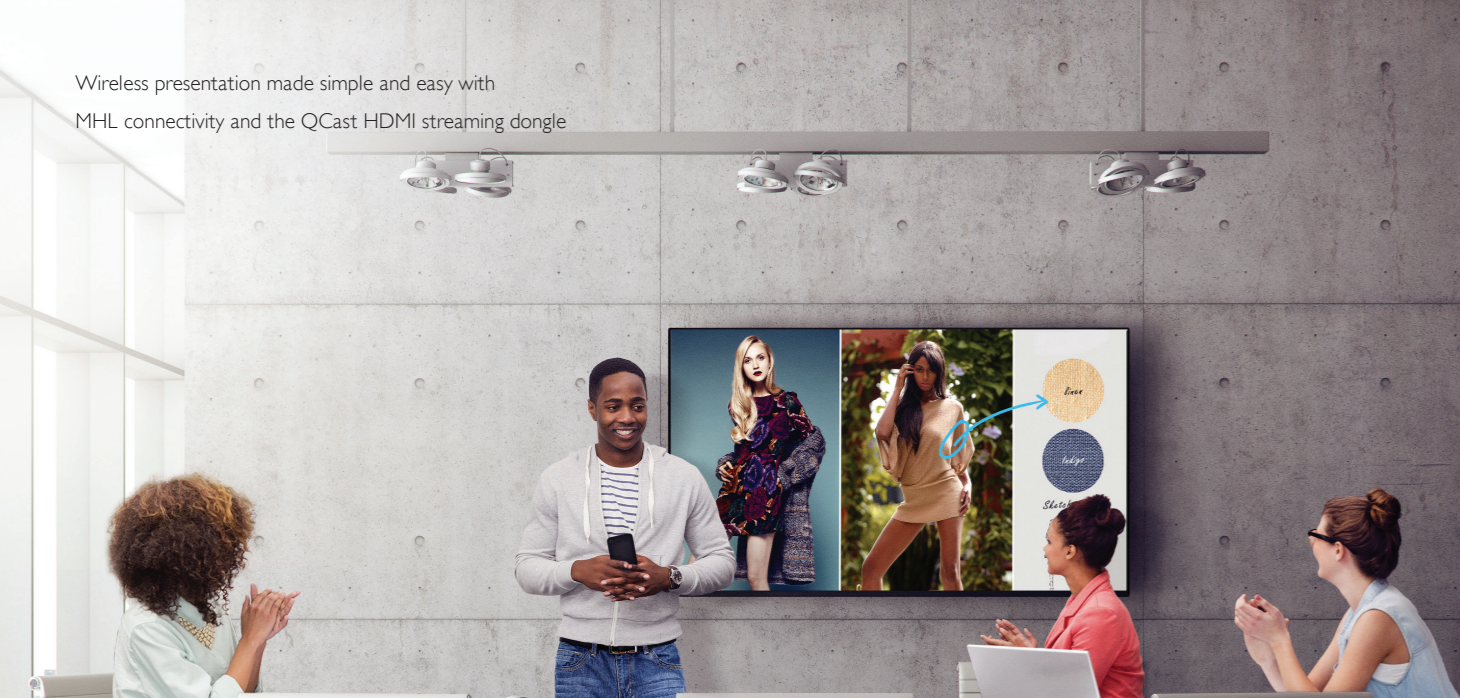## Easy to install

Lightweight design

At 15kg, our smart signage displays can be easily mounted to suit diverse uses, facilitating different display configurations in stores, offices, and other commercial establishments.

Slim & stylish

A narrow bezel and slim design boasts a stylish outlook befitting any in-store environment, whether it's a trendy café or a sophisticated boutique store.

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Wireless presentation made simple and easy with
MHL connectivity and the QCast HDMI streaming dongle

Easy to display: diversified content display

X-Sign content management software

The X-Sign signage app helps you customize, edit,
manage and play the content to be showcased, allowing
you to instantaneously engage your customers.

- Instant plug-and-play with built-in X-Sign app
- Various templates for hassle-free content editing
- Device management and content distribution via the Internet

Multimedia player

The custom Android™ OS comes with
a built-in multimedia player that allows
owners to display a variety of contents
without having to invest extra resources
on a separate media player.

WPS office app

This is one of the world's most
popular office suites for Windows.
WPS Office allows you to open
almost any file format, including PDF
and MS Word, PowerPoint and Excel
documents with ease.

.doc .ppt .xls .txt .pdf

Easy to display: display performance excellence

### 4K2K UHD unparalleled clarity

An ultra high definition resolution of 4K2K (3,840×2,160)
offers not only the most exquisite image details for an optimal
viewing experience but
also four times more
information and workspace
than a 1,080p full HD
display, enhancing your
efficiency and productivity.

See the most exquisite details in 4K
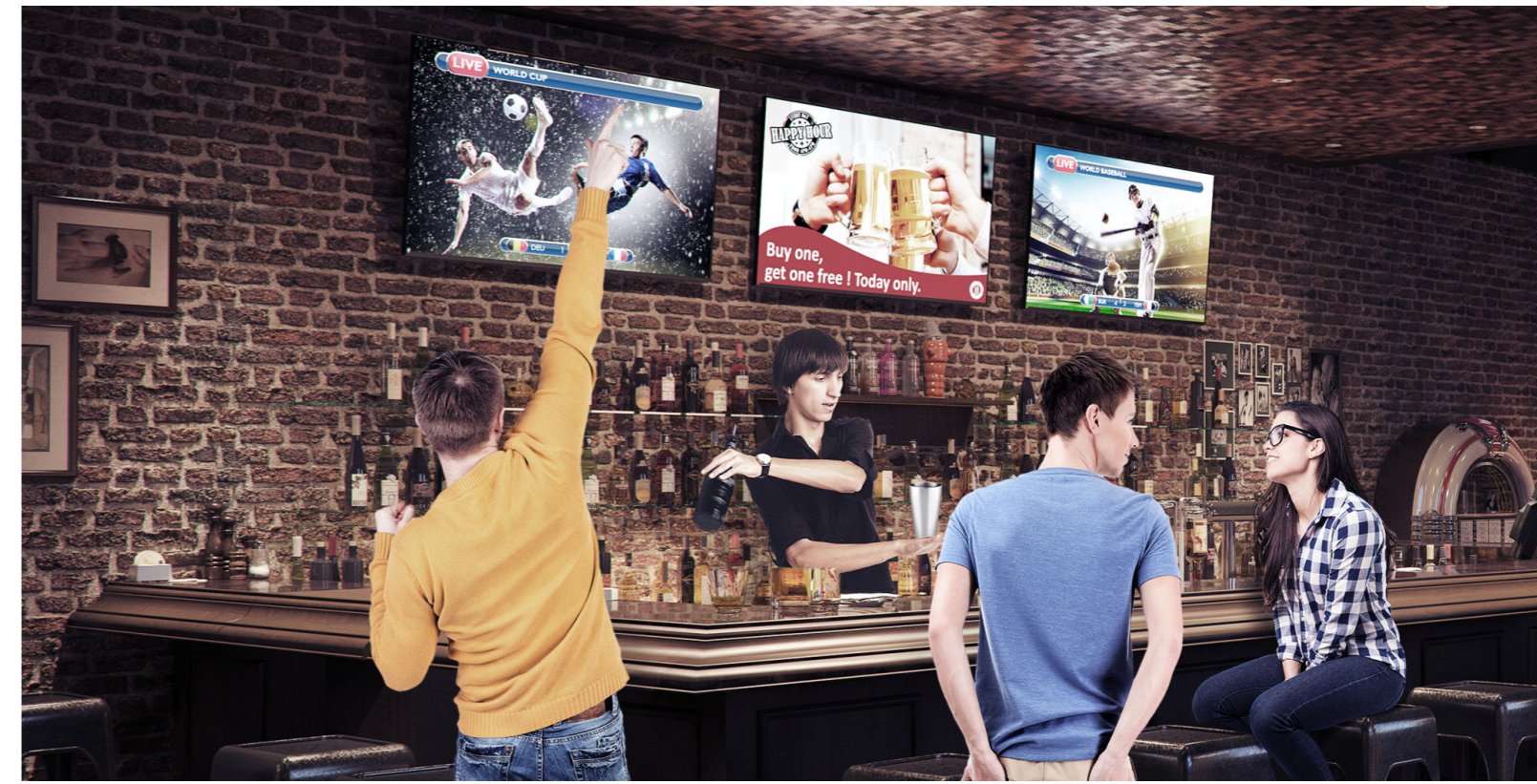
Powerful performance & drive

The combination of a 1.5GHz quad-core
processor and 2G RAM memory ensures
delivery of smooth, seamless display
performance at all times, even while the smart
signage is multitasking between applications.

1.5Ghz Quad
Core-processor
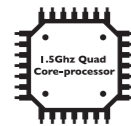
Easy to display: multiple connectivity

USB plug & play

USB Playback allows you to access and
playback multimedia files directly from
USB flash drives. There's no need for
PC connection or having to fuss over
complex cable hassles.

...Switch off your
monitor when leaving.
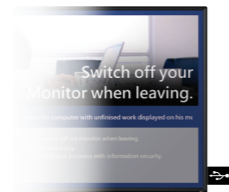
Mobile high-definition link (MHL)

MHL allows you to effortlessly stream
mobile contents saved in MHL-equipped
smartphones and tablets onto the smart signage, saving you
the need to purchase a separate PC or laptop for your store.

HDMI

HDMI connectivity is incorporated into our
smart signage to give you the flexibility of
displaying contents directly from your PC,
laptop, or any other HDMI devices.

HDMI

ST550K

ST550K	
Screen Diagonal	55"
Backlight	D-LED
Resolution(pixels)	UHD 3,840 × 2,160
Aspect Ratio	16:9
Brightness	350 nits
Contrast ratio (typ.)	1,200:1
Viewing Angle (Horizontal/Vertical)	178°/178°

*Specification may vary by model and region.

Easy to manage: hassle-free management

Multiple Display Administrator (MDA)

The MDA application helps you control and manage multiple
displays simultaneously through your local network. Besides
providing great convenience, MDA also enables powerful
functions such as integration with centralized monitoring, and
the ability to easily blank displays that are not in use, lowering
your power costs and helping the environment.
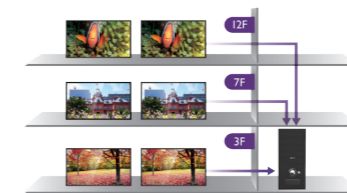
Easy setting utility tool

Everything is simpler with the cloud. This tool allows users
to automatically upload and install Android™ apps of an
array of displays through BenQ's cloud server.

Wall mount

Stand

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SUPER NARROW BEZEL SERIES

PH460 / PL460 / PH550 / PL550

As close as it gets

The Super Narrow Bezel Series is designed to build the world's slimmest
bezel-to-bezel video wall, supporting a wide array of connectivity options.
Capture your customers with the most seamless viewing experience.

Recommended applications:
✓ Retail
✓ Transportation
✓ Entertainment
✓ Exhibitions

World's slimmest bezel at 3.5mm bezel-to-bezel

Every video wall installation with the PL550 is free of visual distractions and primed for the most seamless viewing experience, meant to delight and captivate your viewers.

*Actual bezel-to-bezel dimensions may exceed the listed minimum value due to different tilting methods.

4×4 HDMI Digital daisy chain

Deliver high-quality mirrored contents to different locations or build a stunning multi-display, single-image video wall, by simply connecting your media device to the PL550 via HDMI. No splitters required.

USB flash drive connectivity

Plug your USB flash drive into the first PL550 of your HDMI daisy chain-connected video wall to play multimedia contents through BenQ's EZ suite software interface instantly. No extra media players needed.

Ethernet

Video over Ethernet (VoE)

The PL550 enables you to access, control and manage image, audio, and video contents of a video wall remotely via Ethernet, using BenQ's EZ suite software. Thus saving your business valuable time, labor, and money.

Color calibration

This true time-saver lets you unify a video wall color profile efficiently and precisely. Say goodbye to the hassles of manual, single-unit adjustments and possibilities of human error! Our Color Calibration software allows you to complete the calibration in three easy steps: detect color irregularities with a measurement meter, then hit the calibration key to generate a uniform color profile for distribution to the array of displays. The color calibration process for your whole video wall can be completed in less than no time. What's more, it is also one of the few software applications available on the market to perform simultaneous WRGB calibration!

Color calibration meter
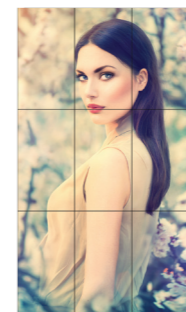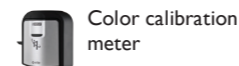
Multiple Display Administrator (MDA)

Control and manage multiple displays simultaneously through your local network or serial port. Besides offering great convenience, MDA also enables powerful functions such as scheduling system integration and email notifications of arising issues.

Double packing design

Every PL550 is double-packed and rigorously tested above industry standards to avoid any damage during transportation. Your product will be safely and securely delivered every time.

Front EPE
Side paper
Back EPE
Side paper
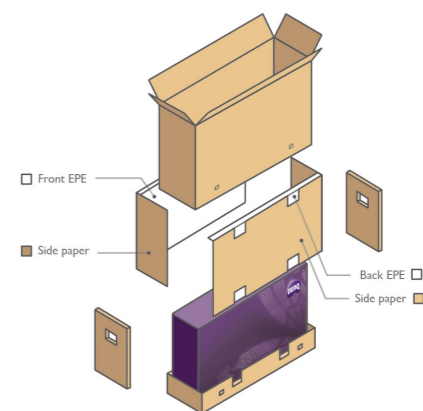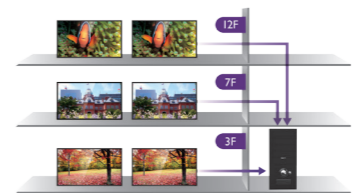
PL550

	PL550
Screen Diagonal	55"
Backlight	D-LED
Resolution (pixels)	FHD 1,920 × 1,080
Aspect Ratio	16:9
Brightness	500 nits
Contrast ratio (typ.)	1,400:1
Viewing Angle (Horizontal/Vertical)	178°/178°

*Specification may vary by model and region.

INTERACTIVE SERIES

IL420 / IL460

Engage your customers

Physically engage with your audience. Our Interactive Series is designed to help your customers get involved with your contents, discover information and make their own choices, creating synergistic growth for your business.

✓ Retail
✓ Transportation
✓ Entertainment
✓ Exhibitions

Where would you like to go tonight ?

Optimized for portrait mode

To ensure flawless portrait display, a structure featuring more solid fixing points on all edges is employed to prevent "Mura" image distortion commonly seen on vertically positioned consumer displays.

24/7 operation

An amazing life of 50,000 hours translates to years of non-stop display service and reliable industrial-class performance that is far more economical than consumer models.

Ambient light sensor

A sensor automatically adjusts screen brightness in keeping with the lighting condition of its surrounding environment. The power usage is capable of intelligently adapting to the ambient light, reducing the energy consumption of the display by 40% to 50%.
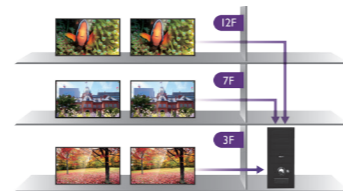
Multiple Display Administrator (MDA)

The MDA application helps you control and manage multiple displays simultaneously through your local network. Besides offering great convenience, MDA also enables powerful functions such as integration with centralized monitoring, and the ability to easily blank displays that are not in use, lowering your power costs and helping the environment.
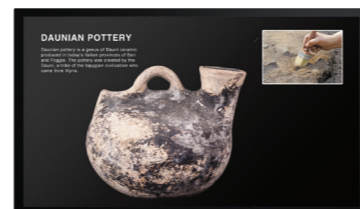
PiP/PbP

The PiP/PbP feature displays contents from two independent video sources simultaneously, making visual and audio displays all the more convenient and flexible for your business needs. Included in this feature is the PiP mode, which allows the sub-picture to be resized or relocated for the best presentation.

Anti-image retention

In commercial environments where images would stay on for hours, image retention becomes a real problem on consumer displays. PID panels designed for digital signage are capable of preventing burned-in effects even after extended usage.

Up to 10-point multi-touch display

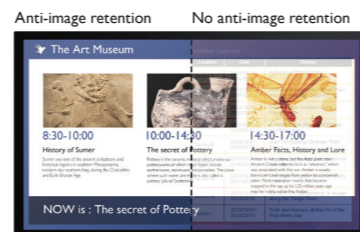Based on the infrared (IR) technology, the IL Series offers the highest number of touch points in the current digital signage market. Our advanced design eliminates most "dead zones" and boosts pointing precision significantly, while our sensor package is now dust-proof and considerably more reliable in portrait mode compared to competing products.

DisplayPort

DisplayPort is a new standard for digital audio/video transmission. With a whopping 10.8Gbps bandwidth, it's what keeps your contents attractive, distortion-free, and in longer distances than conventional DVI and HDMI.

Omnitapps multi-touch software

Ideal for building a dynamic interactive experience, Ominitapps Showcase allows you to create annotations, on top of playing and navigating between various multimedia files.

	IL420	IL460
Screen Diagonal	42"	46"
Backlight	E-LED	E-LED
Resolution (pixels)	FHD 1,920 × 1,080	FHD 1,920 × 1,080
Aspect Ratio	16:9	16:9
Brightness	400 nits	500 nits
Contrast ratio (typ.)	3,000:1	4,000:1
Viewing Angle (Horizontal/Vertical)	178°/178°	178°/178°

IL420   IL460

*Specification may vary by model and region.

INTERACTIVE FLAT PANEL SERIES

RP552 / RP652H / RP702 / RP790 / RP840G

Business. Done. Efficiently.

BenQ's RP Series interactive flat panels are designed to enhance your every business presentation with various useful apps, from WPS Office to Web Browser, EZWrite, Media Player and Zoom. With our unique eye-care design, we safeguard your eyesight against eyestrain, eye fatigue and macular degeneration caused by prolonged display usage.

Recommended Applications:
✓ Corporate
✓ Education

BenQ Meeting Room Solution: zoom

Zoom unifies cloud video conferencing, simple online meetings and group messaging into one simple platform. BenQ's conference solution will allow users to hold group meetings with the RP Series and other computing platforms such as PC, MAC, tablet and smartphone.

Cloud Video Conferencing
- Ease of use; one-click start or join the meeting
- HD video and HD voice
- Dynamic voice detection
- Full screen, gallery view (4 participants on each screen)

Host Controls
- Lock meeting, Lock share, Mute upon Entry, Play entry, assign host, etc.

Wireless Content Sharing
- Share PDF, photos, cloud documents and websites during the meeting
- Annotate on shared screen with lines, shapes, spotlights, etc.

Run your business meetings on a variety of platforms:

Mac and PC
Screen share desktop, window, and video clip with audio

PC
Screen share iPad/iPhone apps and office documents via Airplay

iOS Tablet and Phone
Screen share photos, web, and cloud, Box, and Dropbox documents

Android™ Tablet and Phone
Share photos, web, cloud documents and Android™ apps

Active Speaker

Gallery View

Content Sharing with Active Speaker
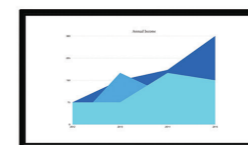
Audio

*The use of Zoom requires the use of specific webcams, a USB cable for connecting to your BenQ interactive flat panel as well as its Android™ app.

Custom Android™ OS

Designed to empower every presenter with the most powerful and useful apps for business presentations, this custom operating system also puts administrators in full control, securing against downloads and use of unauthorized apps to minimize unanticipated damage or breakdowns.

WPS Office
Display any Microsoft Office documents and PDF files saved on your USB flash drive with ease

Media Player
It's a much simpler and faster way to display images and play videos via a USB flash drive

EZWrite
Make colorful annotations during meetings and discussions for more effective communication

Mobile High-Definition Link (MHL)
Get flawless streaming of mobile contents from MHL-equipped smart devices for effortless mobile presentation

Total Eye-Care Solution

For safeguarding your eye health and ensuring the best display performance, we give you BenQ's total eye-care solution.

TÜV-certified Flicker-free technology
Eliminates backlight flickering to reduce eye fatigue and other discomforts caused by prolonged display use

TÜV-certified Low Blue Light technology
Minimizes blue light emission, which is a critical influence on eye health and associated physical problems

Anti-glare display surface
Reduces reflections for more legible text and clearer images as well as bringing less harm to the eyes

*Android™ is a trademark of Google Inc. The Android™ robot is reproduced or modified from work created and shared by Google and used according to terms described in the Creative Commons 3.0 Attribution License.

Multi-platform compatibility – Touch driver-free

Compatible with Windows, Mac, Linux, and Chrome, the RP Series works seamlessly with a wide range of computing devices. Just plug and play to interact with any content displayed. No touch driver required.

Touch drive-free

4K ultra HD resolution for stunning image clarity (RP790/RP840G)

A visually compelling 4K ultra HD image performance does more than capture attention. It also ensures the highest viewing clarity for detail-oriented images.

10-point multi-touch

Annotate or present freely with all 10 fingers to make sure every point gets across to the audience clearly and efficiently.

Front I/O interface with protective cover

Here's every port needed for multimedia content display, from HDMI to touch USB, media USB and OPS USB. There's even an earphone and microphone jack. A protective cover conceals the ports and gives the IFP a stylish, sleek outlook.

Front bezel hotkey design

Hotkeys are incorporated on the front bezel for quick and easy access to volume and input source control, as well as Freeze and Blank features.
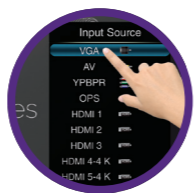
Switch input source by touch

No need for a remote control. Presenters can easily switch between different input sources by touch. It's time-saving and hassle-free.

*Supported Mac OS: 10.6 to 10.9. It is recommended that you perform screen calibration before using the IFP to ensure that the touch function works properly on OS X 10.10. Please contact BenQ for the required calibration utility.

Touch pen

QCast HDMI streaming dongle

Wi-Fi dongle

Wall mount (RP552/RP652H/RP702)
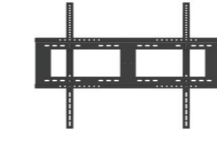
Wall mount (RP840G)

Wall mount (RP790)

Trolley (RP552/RP652H/RP702)

Trolley (RP840G)

Trolley (RP790)

RP552

RP652H

RP702

RP790

RP840G

	RP552	RP652H	RP702	RP790	RP840G
LCD Size	55"	65"	70"	79"	84"
Light Source	LED	LED	LED	LED	LED
Resolution (pixels)	1,920 × 1,080 (FHD)	1,920 × 1,080 (FHD)	1,920 × 1,080 (FHD)	3,840 × 2,160 (4K)	3,840 × 2,160 (4K)
Brightness	350 nits	350 nits	350 nits	400 nits	350 nits
Contrast Ratio (typ.)	1,400:1	4,000:1	4,000:1	1,200:1	1,600:1
Response Time (ms)	8ms	8ms	6ms	5ms	8ms
Viewing Angle (Horizontal/Vertical)	178°/178°	178°/178°	178°/178°	178°/178°	178°/178°

*Specification may vary by model and region.

EXCLUSIVE SOFTWARE

BenQ integrated software solutions
for smart businesses

From simple one-screen displays to extensive global networks of multiple displays, BenQ provides the software tools you need to create, manage and play out dynamic contents that help you impact customers, prospects and employees at the point-of-decision. Digital signs and displays today serve many purposes, including advertising, brand building, corporate communications, consumer engagement, campus announcements, way finding, entertainment, as well as interactive displays — and we are here to help!

BenQ X-Sign Software

User-friendly content management system designed for small and medium-sized businesses

Simplicity is the best answer to every complex situation. In your case, it's how to engage your customers efficiently and effectively with the time and resources that you have. X-Sign is an integrated, comprehensive content management system designed to help you create, display and manage your contents in the easiest ways. It's your one-stop solution to begin conversing with your customers — hassle-free and at no extra cost.

• X-Sign Designer: easy content creation
• X-Sign Manager: easy content scheduling
• X-Sign Player: easy content display

X-Sign for Single Display

3 steps to publishing contents via USB flash drive
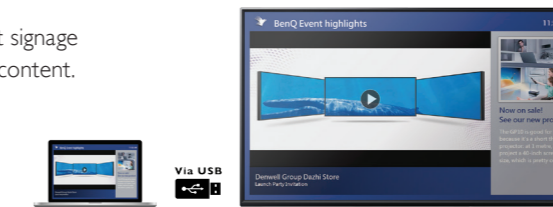
1. Use the X-Sign templates to create your unique content.
2. Save your content onto a USB.
3. Use the X-Sign Player software in your BenQ smart signage or an external Windows media player to play your content.

X-Sign for Multiple Display

3 steps to publishing contents via the Internet

1. Use the X-Sign templates to create your unique content.
2. Manage and schedule your content to multiple displays through BenQ Cloud simultaneously.
3. Use the X-Sign Player software in your BenQ smart signage or an external Windows media player to play your content.
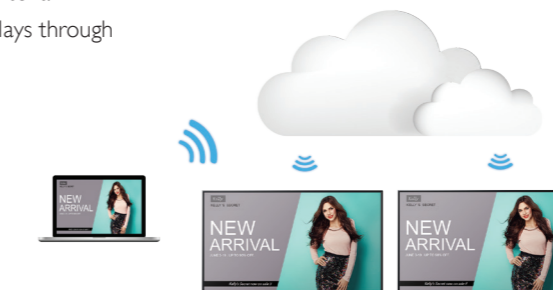
Great things about X-Sign

• Simple and easy to use and operate. No extra training required for you and/or your staff.
• Thoughtful templates that can be edited with your own contents, including images, videos and text.
• Use the X-Sign version most fitting to your display needs. There's a Windows and Android™ version.
• Supports your single and multiple display needs
• Lowered TCO with the use of BenQ smart signage displays
• Lowers the technical barrier and cost to entry into in-store signage use with the combined usage of BenQ smart signage

X-Sign Designer

Create and control targeted digital signage displays in a variety of market segments with over 50 templates that support animation for images and texts, video playback, QR code implementation and daily scheduled playlist. So you can engage your customers instantly and effortlessly.

50+ intuitive-to-use templates for various settings and applications

• **Retail**: shopping malls/specialty shops/supermarkets/boutiques/ convenience stores
• **Education**: schools/institutes/universities/training centers
• **Hospitality**: hotels/resorts/clubs/bars/cafés/restaurants
• **Exhibition**: galleries/museums/exhibition halls/ conventions/trade shows
• **Corporation**: offices/meeting rooms/ boardrooms/ conference venues
• **Transportation**: airports/train stations/ metro stations/bus stations

Display & Manage Your Contents Using X-Sign Player and X-Sign Manager

Manager
X-Sign

Player
X-Sign

Display contents created by X-Sign Designer effortlessly through a USB flash drive or BenQ cloud service. With X-Sign, you'll also find content management and distribution to single or multiple displays to be a simple and easy task for one!

For Smart Signage Users

X-Sign Player

The X-Sign Player app for Android™ is used for displaying any contents of your choice. There are two ways of doing so on your BenQ smart signage:

Via USB flash drive
Save your contents onto a USB flash drive – just plug it into your BenQ smart signage and hit play! It's simple and easy.

Via X-Sign Manager
Use the X-Sign Manager website for Android™ to manage and distribute your contents to your BenQ smart signage. Make sure your smart signage is connected to the Internet via your LAN or Wi-Fi network.

X-Sign Manager

X-Sign Manager for Android™ is designed to help you manage and distribute contents remotely. It is ideal for any multiple display usage scenarios. You can experience it on X-Sign.BenQ.com.

Remote account, display and content management
Set up different user accounts to manage single or multiple digital signage displays. You can also create different groups and assign them to various users to manage and distribute contents across the displays for more precise remote control. This feature helps cut down manpower costs and resources greatly.

Aug 2 — 8, 2015

Remote content distribution: scheduling made easy with calendar user interface
Use the web interface for centralized content distribution to remote locations via the Internet. You can schedule the content playback time and sequence for the day. With this feature, there is more freedom and flexibility for content display management.
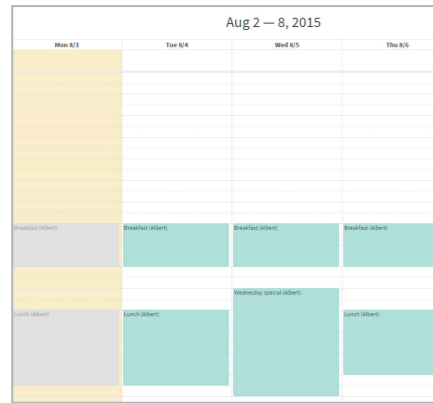
For Windows Users

X-Sign Player

The X-Sign Player software for Windows works in similar ways as its Android™ counterpart. Simply make sure your digital signage is first connected to an external media player or computer.

Via USB flash drive
Save your contents onto a USB flash drive. Plug it into your external media player or computer to begin engaging your audience right away.

Via X-Sign Manager
Use the X-Sign Manager software to manage and send your contents to your external media player or computer.

X-Sign Manager

The X-Sign Manager software for Windows is designed to help you manage and distribute contents remotely, as well as monitor the condition of each display to make sure the right contents are being played. It is ideal for any multiple display usage scenarios.

Remote content management
Manage single or multiple digital signage displays remotely to save time, cost and effort.

Remote content distribution & scheduling
Install the X-Sign Manager software for centralized content distribution to remote locations via the Internet. You can schedule the content playback time and sequence by hour, day, week, month or any custom time setting. Having centralized remote, scheduled control over content distribution can save you a significant amount of time, manpower and resources.

Remote centralized monitoring
Examine and monitor each display and media player in real time to ensure the smoothest display operation. Being able to detect issues such as Internet or power disconnection and locate where they are right away is absolutely crucial for establishing optimal customer in-store experience.
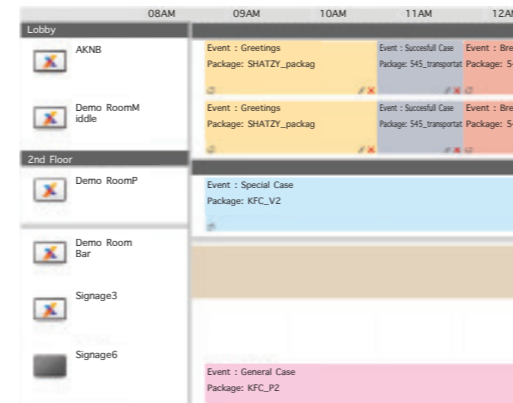
Multiple Display Administrator

The MDA application allows easy control of multiple and discrete displays simultaneously through the local network or serial port taking advantage of the RJ45 and RS232 interfaces[*] on BenQ digital signage displays.

Through the connection, administrators can use the MDA to perform tasks such as remote scheduling, configuration cloning, voltage/temperature error detection, preventive email alert and delayed startup sequence for video walls to prevent sudden surges that would have adverse effects on the venue's power system.

As the number of displays grows, the MDA will demonstrate its power on centralizing and unifying your control over the entire digital signage array – it saves your time adjusting individual units, monitoring how they work and making sure they are all in a prime shape. That is, MDA guarantees that the system is always in good order and ultimately saves long-term TCO for you.

What's more, the MDA can also be used to manage other BenQ display devices, such as interactive flat panels and network projectors, making it the perfect one-stop display management solution for you!

[*]Controlling up to 98 units (RS232), 252 units (LAN); specification may vary by model.

12F

7F

3F
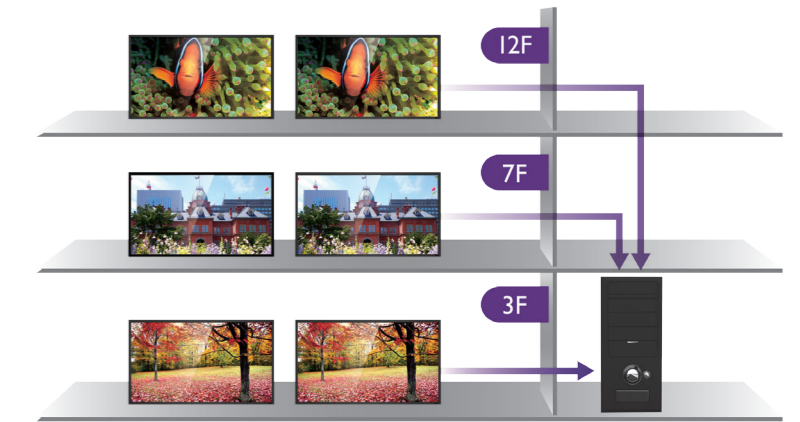
Easy Setting

Everything is simpler with the cloud. This utility tool allows users to upload and download Android™ apps of a selection of displays automatically through BenQ's cloud server, saving them tremendous amount of time and effort on manual app installation, especially when the displays are in different locations.

You can complete this process in three steps:

Step 1:
Log in on the Easy Setting website to register and group your BenQ Smart Signage displays according to your display needs.

Step 2:
Upload the apk files of the apps that you would like to install to BenQ Cloud Server.

Step 3:
Turn on and connect your smart signage displays to the Internet to begin automatic download.
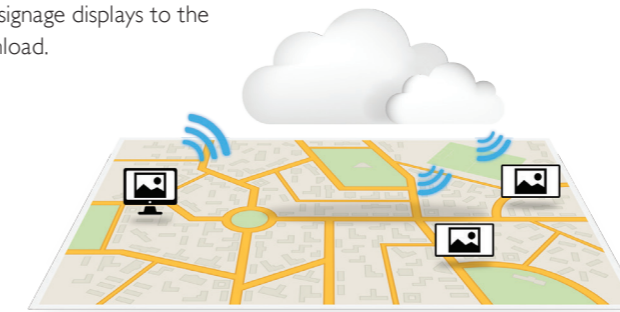
Color Calibration

Any digital signage system with more than one display needs proper color calibration to ensure image consistency, especially the side-by-side video walls. A video wall with varying colors would convey just one message: less-than-perfect professionalism. BenQ's Color Calibration software is an excellent time-saving solution that helps you unify video wall color profile efficiently and free of human error! It's also one of the few software applications available on the market to perform simultaneous WRGB calibration!

With this software, video wall configuration can be quickly tuned in three easy steps:
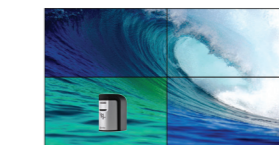
Step 1:
Collect color profiles of each display and detect color irregularities using a color meter and then output to a PC.

Step 2:
Generate a uniform color profile with the Color Calibration software on your PC by hitting the calibration key.
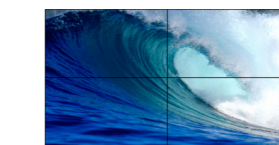
Step 3:
Distribute the color profile to an array of displays.

Your Business Imagined, Invented.

There Is a BenQ Digital Signage Display for Every Application.

Time to deploy your customer engagement strategy and build the digital in-store customer experience you've been planning for. Use this chart to find the most fitting choice for your display needs.

	Double-Sided Series	Bar-Type Series	Transparent Series	Smart Signage Series	Super Narrow Bezel Series	Interactive Series
Retail	Advertising Window display Information delivery	Menu board Advertising Product introduction	Product showcase	Advertising Information display Product introduction	Brand communication (video wall)	Interactive advertising Interactive information delivery
Hospitality	Digital installation art Information delivery	Way finder Advertising Information delivery	Advertising	Advertising Information display	Digital installation art (video wall) Advertising Information delivery	Interactive way finder Interactive information delivery
Transportation	Information delivery Schedule display Advertising display	Way finder Information display	Product showcase	Advertising Information delivery	Traffic management (video wall)	Interactive way finder Interactive information delivery
Entertainment	Vision division Advertising display	Advertising display	Digital installation art Product showcase	Advertising Information delivery	Event highlights & activities (video wall)	Interactive advertising display
Exhibition	Information delivery	Way finder Information display	Product showcase	Information delivery	Trade show advertising (video wall)	Interactive way finder Interactive information delivery
Restaurant	Vision division Advertising display	Menu board Advertising display	Digital installation art Advertising	Menu board Advertising	Interior decoration (video wall) Advertising	Interactive maun board Interactive customer service Interactive self order service
Education	Information delivery	Way finder Information delivery	Training display Information display	Digital bulletin board Conference information	Event highlights & activities (video wall)	Interactive information stand Conference information Interactive way finder
Medical	Information delivery	Patient flow management Way finder Information delivery	Information display	Patient flow management Waiting room entertainment Medical alerts Announcement	Advertising Information delivery	Interactive way finder
Corporate	Digital installation art Information delivery	Scrolling announcement & News	Product showcase	Presentation Video conferencing	Video conferencing	Interactive way finder Interactive information delivery

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	Double-Sided Series	Bar-Type Series	Transparent Series	Smart Signage Series	Super Narrow Bezel Series	Interactive Series	Interactive Flat Panel Series
Key features	**Award-Winning Design** • Best "New Product Overall" for the double-sided • Floor stand digital signage display Best "New Digital Signage Mount" for the perpendicular, double-sided wall mounted display **Ultra Slim Sophistication** The world's slimmest aero-thin panel design set at less than 23.4mm **High Brightness Up to 700 Nits** Achieved to fully support indoor and semi-outdoor applications **24/7 Operation** An amazing life of 50,000 hours translated to years of non-stop display service **Optimized for Portrait and Landscape Mode** To satisfy different installation demands **Software Solution** • X-Sign	**Multi-Formational Display** Special proportional sizes modified to cater to unique spatial demands **High Brightness Up to 800 Nits** Achieved to fully support indoor and semi-outdoor applications (38" at 800 nits; 28" at 700 nits) **24/7 Operation** An amazing life of 50,000 hours translated to years of non-stop display service **Optimized for Portrait and Landscape Mode** To satisfy different installation demands **Software Solution** • X-Sign	**Innovative Appeal** With interactive screen effects attracting more eyes to the merchandise displayed **Available in Various Sizes** With transparent modules in dimensions of 65", 50" and 32" for more creative freedom to design interactive displays **Optimized for Portrait and Landscape Mode** To satisfy different installation demands **All-in-One Solution with Built-in Speakers (TL240C & TL320C)** To display or playback multimedia contents in popular formats such as MP4 and JPEG with a USB flash drive. No need for PC connection or complex cable hassles **Software Solution** • X-Sign	**USB Plug & Play** To display or playback multimedia contents in popular formats such as MP4 and JPEG with a USB flash drive. No need for PC connection or complex cable hassles **X-Sign Content Management Software** Customize, edit, manage and play the content to be showcased for instant customer engagement **WPS Office App** Open almost any file format, including PDF and MS Word, PowerPoint and Excel documents with ease **4K2K UHD Unparalleled Clarity** An ultra-high definition resolution of 4K2K (3840x2160) for the most exquisite image details **Easy Setting Utility Tool** Automatically upload and install Android™ apps in an array of displays through BenQ's cloud server **Software Solution** • X-Sign • WPS • Multimedia • Easy Setting • Utility Tool • Zoom • MDA (selected functions only)	**World's Slimmest Bezel at 3.5mm Bezel-to-Bezel** To providing the most seamless viewing experience **USB Flash Drive Connectivity** Play a wide variety of multimedia contents without extra media players **Video Over Ethernet (VoE)** Manage image, audio, and video contents of a video wall remotely through Ethernet (PL550) **Multiple Display Administrator (MDA)** Control and manage multiple displays simultaneously through the local network or serial port **Color Calibration** Unify a video wall color profile efficiently and precisely **Software Solution** • MDA • Color Calibration • X-Sign • EZ-Suite (for VoE & USB Flash Drive Connectivity)	**6-point Multi-Touch Display** The highest number of touch points in the current digital signage market achieved through infrared (IR) technology **24/7 Operation** An amazing life of 50,000 hours translated to years of non-stop display service **Optimized for Portrait and Landscape Mode** To satisfy different installation demands **Omnitapps Multi-Touch Software** Create annotations, as well as play and navigate between various multimedia files for a dynamic interactive experience **Software Solution** • Omnitapps • MDA • X-Sign • DisplayNote	**BenQ Meeting Room Solution: Zoom** Cloud video conferencing with group collaboration, annotation, co-annotation, screen sharing support across various computing platforms and smart devices **Custom Android™ OS** With pre-installed annotation, media player and office apps to empower every business presenter **Total Eye-Care Solution** From anti-glare display to TÜV-certified Flicker-free and Low Blue Light technologies **Multi-Platform Compatibility** Supporting Windows, Mac, Linux and Chrome operating systems touch driver-free **Front I/O Interface with Protective Cover (RP652H/RP702/RP790)** A port for every type of multimedia content display, from HDMI to touch USB, media USB and OPS USB **4K Ultra HD Resolution (RP790/RP840G only)** For the most stunning image clarity and the highest readability **Software Solution** • WPS • Zoom • EZWrite • Multimedia • DisplayNote • Omnitapps • MDA (selected functions only)
Accessories	Stand mount (portrait ; with removable wheels) Ceiling mount (portrait) Wall mount (portrait) Wall mount (landscape)	Fixed wall mount (BH380 only) Wall mount (BH280/380)	N/A	Stand Wall mount	Color calibration meter	Wall mount Touch pen Trolley QCast HDMI streaming dongle	Wall mount (RP552/RP652H/RP702) Wall mount (RP840G) Wall mount (RP790) Trolley (RP552/RP652H/RP702) Trolley (RP840G) Trolley (RP790) Touch pen QCast HDMI streaming dongle

	Product	Super Narrow Bezel Series				Bar-type Series	
Panel	Model Name	PL550	PH550	PH460	PL460	BH280	BH380
	Screen Diagonal	55"	55"	46"	46"	28"	38"
	Backlight	D-LED				E-LED	
	Active Area (Horizontal x Vertical) (mm)	1,209.6 x 680.4	1,209.6 x 680.4	1,018.1 x 572.7	1,018.1 x 572.7	698.4 x 130.2	919.3 x 257.6
	Resolution (Pixels)	FHD 1,920 x 1,080				1,920 x 358	1,920 x 545
	Aspect Ratio	16:9				16:3	32:9
	Brightness (Typical)	500 nits	800 nits	700 nits	500 nits	700 nits	800 nits
	Contrast Ratio (Typical)	1,400:1	1,400:1	4,000:1	4,000:1	3,000:1	4,000:1
	Viewing Angle (Horizontal / Vertical)	178° / 178°				178° / 178°	
	Color Gamut (x% NTSC)	72%				72%	68%
	Frame Rate	60Hz					
	Response Time (ms)	12ms	10ms	6.5ms	6.5ms	6.5ms	9ms
	Panel Bit / Color Support	10 Bit / 1.06B	10 bit (8bit + FRC) / 1073.7M		8 Bit / 16.7M	8 Bit / 16.7M	
	Light Life (Typical)	50,000hrs				50,000hrs	
	Display Orientation	Landscape / Portrait				Landscape / Portrait	
Touch	Technology	N/A				N/A	
	Resolution (Point Area Function)	N/A				N/A	
	Capacity	N/A				N/A	
	Accuracy	N/A				N/A	
	Touch Output	N/A				N/A	
	Operating System Supported	N/A				N/A	
	USB (Touch to External PC)	N/A				N/A	
Audio	Internal Speaker (Amp)	12W + 12W				N/A	
	Audio Input (Left / Right, RCA)	x1				N/A	
	Audio Output (Left / Right, RCA)	x1				x1 (3.5mm)	
	External Speaker Out (Left / Right)	x1				N/A	
	Line In (3.5mm)	x1				N/A	
Basic IO	VGA Input / Output	x1 / x1				x1 / N/A	
	DVI-D Input / Output	x1 / N/A				x1 (DVI compatible with HDMI) / N/A	
	HDMI Input / Output	x1 / x1		x2 / N/A		N/A	
Legacy IO	Composite Video In / Out	x1 (BNC) / x1 (BNC)				N/A	
	Component In / Out (YPbPr, RCA)	x1 (RCA) / N/A				N/A	
	S-Video In / Out	x1 / N/A				N/A	
Premium IO	Display Port Input / Output	x1 / N/A				N/A	
	USB Port	x1 (Type A) / x1 (Mini-B)		N/A		x1	N/A
	RJ45 Port	x1				N/A	
Mechanical	Dimension (WxHxD)	1,213.4 x 684.2 x 119.4mm	1,215.2 x 686.0 x 115.3mm	1,023.7 x 578.3 x 111.8mm	1,023.7 x 578.3 x 111.8mm	736.6 x 167.3 x 44.4mm	980.9 x 303.2 x 44.4mm
	Bezel Width (Top / Bottom / Left / Right)	2.3 / 1.2 / 2.3 / 1.2mm	3.4 / 1.9 / 3.4 / 1.9mm	3.4 / 2.0 / 3.4 / 2.0mm	3.4 / 2.0 / 3.4 / 2.0mm	16.9 / 18.6 / 18.5 / 18.5mm	16.9 / 22.7 / 29.2 / 29.2mm
	Weight (Without Packing / With Packing)	32kg / 59kg	32kg / 40kg	25kg / 31kg	25kg / 31kg	3kg / 6.5kg	6.4kg / 10.2kg
	Wall Mounting (VESA) (mm)	400 x 400 (4-Hole)				200 x 100 (4-Hole)	
Power	Voltage	100V ~ 240V, 50Hz / 60Hz				100V ~ 240V, 50Hz / 60Hz	
	Power Consumption (Maximum / Standby)	<247W / <0.5W	<345W / <0.5W	<300W / <0.5W	<155W / <0.5W	<45W / <5W	<80W / <5W
Environment	Operation Temperature	0°C ~ 40°C				0°C ~ 45°C	
	Storage Temperature	-20°C ~ 60°C				-10°C ~ 60°C	
	Usage	24 / 7					
OSD	On-Screen Display Languages	English / French / Spanish / Simplified Chinese / Traditional Chinese / German / Deutsch / Polish / Russian / Czech / Danish / Swedish / Italian / Romanian / Finnish / Norwegian / Greek / Turkish / Arabic / Japanese (21 Languages)				English / Simplified Chinese / Traditional Chinese	
Accessory	Remote Control	Yes				N/A	
	Power Cord (By Region)	Yes				Yes	
	VGA Cable	Yes				N/A	
	HDMI Cable	Yes	N/A	N/A	N/A	Yes (DVI to HDMI Cable)	
	Quick Start Guide	Yes				N/A	
	User's Manual Electronic File	Yes				Yes	
	USB Cable for Touch (A-B)	N/A				N/A	
	Touch Pen	N/A				N/A	

Features

Super Narrow Bezel Series: ■ Image Setting ■ Source / Volume Control ■ Analog Daisy Chain ■ Digital Daisy Chain ■ RS232 Control Daisy Chain ■ OSD Rotation ■ ID Setting ■ Sharpness Enhancement ■ Proof of Image Retention ■ Diming Control (Adaptive Contrast) ■ Picture in Picture (PIP) ■ Picture by Picture (PBP) ■ DVI-HDCP ■ HDMI-HDCP ■ De-Interlacing / Comb Filter ■ 10-Bit Color Processing ■ Build-in Video Wall Support ■ Scheduling ■ Ambient Light Sensor ■ Total Turn-On Time ■ DiagnÁstic DC Voltage (12v / 5v) ■ Internal Temperature Sensor ■ CEC Control

Bar-type Series: ■ Image Setting ■ Source Control ■ Sharpness Enhancement ■ Diming Control ■ DVI-HDCP ■ HDMI-HDCP

	Product	Interactive Series		Double-sided Series	
Panel	Model Name	IL420	IL460	DH551F	DH551C
	Screen Diagonal	42"	46"	55"	55"
	Backlight	E-LED	E-LED	E-LED	E-LED
	Active Area (Horizontal x Vertical) (mm)	934.8 x 527.4	1,018.1 x 572.7	1,209.6 x 680.4	1,209.6 x 680.4
	Resolution (Pixels)	FHD 1,920 x 1,080		FHD 1,920 x 1,080	
	Aspect Ratio	16:9		16:9	
	Brightness (Typical)	400 nits		700 nits / 700 nits	
	Contrast Ratio (Typical)	3,000:1	4,000:1	3,000:1	
	Viewing Angle (Horizontal / Vertical)	178° / 178°		178° / 178°	
	Color Gamut (x% NTSC)	68%	72%	72%	
	Frame Rate	60Hz		60Hz	
	Response Time (ms)	6.5ms		6.5ms	
	Panel Bit / Color Support	8 Bit / 16.7M		10 Bit (8bit + FRC) / 1073.7M	8 Bit / 16.7M
	Light Life (Typical)	50,000hrs		50,000hrs	
	Display Orientation	Landscape / Portrait		Landscape / Portrait	
Touch	Technology	IR 10-Point Touch Technology	IR 6-Point Touch Technology	N/A	
	Resolution (Point Area Function)	32,767 x 32,767		N/A	
	Capacity	Up to 10 Simultaneous Touch Points	Up to 6 Simultaneous Touch Points	N/A	
	Accuracy	+/- 2.5mm		N/A	
	Touch Output	USB 2.0		N/A	
	Operating System Supported	* Windows 2000 / Vista / XP / 7 / 8 / 8.1, MAC OS version 10.6.4+ / 10.7 / 10.8 / 10.9 / 10.10, Linux Kernel version 3.5 or later, Fedora 19+, Ubuntu 13.04+, RedFlag 6.2+, OpenSuse 11.4+, Android 2.2 / 2.3 / 4.0 / 4.1 / 4.2 / 4.3 (Kernel version must be 3.5 or later)	* Windows 2000 / Vista / XP / 7 (Starter, Home Basic) / 8, MAC OS version 10.4 ~ 10.9, Fedora 15, Ubuntu 12.10	N/A	
	USB (Touch to External PC)	x1		N/A	
Audio	Internal Speaker (Amp)	12W + 12W		N/A	
	Audio Input (Left / Right, RCA)	x1		N/A	
	Audio Output (Left / Right, RCA)	x1		N/A	
	External Speaker Out (Left / Right)	x1		N/A	
	Line In (3.5mm)	x1		N/A	
Basic IO	VGA Input / Output	x1 / x1		N/A	
	DVI-D Input / Output	x1 / N/A		N/A	
	HDMI Input / Output	x1 / N/A		x2 / N/A	
Legacy IO	Composite Video In / Out	x1 (BNC) / x1 (BNC)		N/A	
	Component In / Out (YPbPr, RCA)	x1 (RCA) / N/A		N/A	
	S-Video In / Out	x1 / N/A		N/A	
Premium IO	Display Port Input / Output	x1 / N/A		N/A	
	USB Port	N/A		N/A	
	RJ45 Port	x1		N/A	
Mechanical	Dimension (WxHxD)	985.8 x 578.4 x 105.9mm	1,065.3 x 620.7 x 100.0mm	1515.9 x 856.8 x 23.4mm	2029.7 x 861.9 x 62.4mm (Stand: 452.4mm)
	Bezel Width (Top / Bottom / Left / Right)	22.5 / 22.5 / 22.5 / 22.5mm		22.5 / 22.5 / 22 / 22mm	64.2 / 53.7 / 86.7 / 86.7mm
	Weight (Without Packing / With Packing)	24.5kg / 30.1kg	27.7kg / 32.5kg	49.5kg / 63.5kg	Display: 41.0kg / 55.0kg Stand: 53.5kg / 62.0kg
	Wall Mounting (VESA) (mm)	400 x 200 (4-Hole)		N/A	
Power	Voltage	100V ~ 240V, 50Hz / 60Hz		100V ~ 240V, 50 Hz / 60Hz	
	Power Consumption (Maximum / Standby)	<150W / <0.5W		<275W / <2W	
Environment	Operation Temperature	0°C ~ 40°C		0°C ~ 40°C	
	Storage Temperature	-20°C ~ 60°C		-10°C ~ 50°C	
	Usage	24 / 7			
OSD	On-Screen Display Languages	English / French / Spanish / Portuguese / Simplified Chinese / Traditional Chinese / German / Deutsch / Polish / Russian / Czech / Danish / Swedish / Italian / Romanian / Finnish / Norwegian / Greek / Turkish / Arabic / Japanese (21 Languages)		English / Spanish / French / German / Portuguese / Russian / Japanese / Simplified Chinese / Traditional Chinese / Italian (10 Languages)	
Accessory	Remote Control	Yes		Yes	
	Power Cord (By Region)	Yes		Yes	
	VGA Cable	Yes		N/A	
	HDMI Cable	N/A		Yes (x2)	
	Quick Start Guide	Yes		Yes	
	User's Manual Electronic File	Yes		Yes	
	USB Cable for Touch (A-B)	Yes		N/A	
	Touch Pen	Yes (x2)		N/A	

Features

Interactive Series: ■ Image Setting ■ Source / Volume Control ■ Analog Daisy Chain ■ RS232 Control Daisy Chain ■ OSD Rotation ■ ID Setting ■ Sharpness Enhancement ■ Proof of Image Retention ■ Diming Control (Adaptive Contrast) ■ Picture in Picture (PIP) ■ HDMI-HDCP ■ De-Interlacing / Comb Filter ■ 10-Bit Color Processing (IL420 not available) ■ Build-in Video Wall Support ■ Scheduling ■ Ambient Light Sensor ■ Total Turn-On Time ■ DiagnÁstic DC Voltage (12v / 5v) ■ Internal Temperature Sensor ■ CEC Control   * Driver installation may be required by the operating system used. * Source code integration is required for Android OS (IL460 only)

Double-sided Series: ■ Image Setting ■ OSD Rotation ■ HDMI-HDCP

Transparent Series

Category	Product	TL240C	TL320C	TL320F	TL500F	TL650F
	Model Name	TL240C	TL320C	TL320F	TL500F	TL650F
Panel	Screen Diagonal	23.6"	32"	32"	50"	65"
	Backlight	LED light bar	LED light bar	N/A	N/A	N/A
	Active Area (Horizontal x Vertical) (mm)	521.5 × 293.2	697.7 × 392.3	697.7 × 392.3	1,095.8 × 616.4	1,428.5 × 803.5
	Resolution (Pixels)	1,366 × 768	1,366 × 768	1,366 × 768	FHD 1,920 × 1,080	FHD 1,920 × 1,080
	Aspect Ratio	16:9				
	Brightness (Typical)	170 nits	250 nits	N/A	N/A	N/A
	Contrast Ratio (Typical)	3,000:1	3,000:1	3,000:1	4,000:1	4,000:1
	Viewing Angle (Horizontal / Vertical)	178° / 178°				
	Color Gamut (x% NTSC)	N/A	72%			
	Frame Rate	60Hz				
	Response Time (ms)	5.6ms	6.5ms	6.5ms	8ms	8ms
	Panel Bit / Color Support	8 Bit / 16.7M				
	Light Life (Typical)	30,000hrs	30,000hrs	N/A	N/A	N/A
	Display Orientation	Landscape / Portrait				
Touch	Technology	N/A				
	Resolution (Point Area Function)	N/A				
	Capacity	N/A				
	Accuracy	N/A				
	Touch Output	N/A				
	Operating System Supported	N/A				
	USB (Touch to External PC)	N/A				
Audio	Internal Speaker (Amp)	2W + 2W	2W + 2W	N/A	N/A	N/A
	Audio Input (Left / Right, RCA)	N/A				
	Audio Output (Left / Right, RCA)	N/A				
	External Speaker Out (Left / Right)	N/A				
	Line In (3.5mm)	N/A				
Basic IO	VGA Input / Output	x1 / N/A		N/A		
	DVI-D Input / Output	x1 / N/A		N/A		
	HDMI Input / Output	x1 / N/A				
Legacy IO	Composite Video In / Out	N/A				
	Component In / Out (YPbPr, RCA)	N/A				
	S-Video In / Out	N/A				
Premium IO	Display Port Input / Output	N/A				
	USB Port	x1		N/A		
	RJ45 Port	N/A				
Mechanical	Dimension (WxHxD)	554.0 × 362.0 × 264.6mm	813.5 × 511.0 × 336.7mm	745.7 × 485.7 × 22.0mm	1,147.8 × 704.9 × 22.0mm	1,502.8 × 907.0 × 22.2mm
	Bezel Width (Top / Bottom / Left / Right)	18 / 48 / 14mm	47 / 46 / 46mm	47 / 88 / 47 / 47mm	47 / 88 / 47 / 47mm	32 / 59 / 32 / 32mm
	Weight (Without Packing / With Packing)	9.3kg / 13.7kg	30kg / 36.8kg	2.3kg / 7.0kg	3.9kg / 12kg	7.8kg / 12.5kg
	Wall Mounting (VESA) (mm)	N/A				
Power	Voltage	100 V ~ 240 V, 50Hz / 60Hz			12V / <1.0A	
	Power Consumption (Maximum / Standby)	<72W / <3W		N/A (Module only)		
Environment	Operation Temperature	0°C ~ 50°C				
	Storage Temperature	-20°C ~ 60°C				
	Usage	24 / 7				
OSD	On-Screen Display Languages	English / Traditional Chinese		English / Simplified Chinese		
Accessory	Remote Control	Yes			N/A	
	Power Cord (By Region)	Yes				
	VGA Cable	Yes			N/A	
	HDMI Cable	Yes	N/A	Yes	Yes	Yes
	Quick Start Guide	Yes		N/A		
	User's Manual Electronic File	Yes		N/A		
	USB Cable for Touch (A-B)	N/A				
	Touch Pen	N/A				
Features		■ Image Setting ■ Source / Volume Control ■ Sharpness Enhancement			N/A (Module only)	

Interactive Flat Panel Series

Category	Product	RP552	RP652H	RP702	RP790	RP840G
	Model Name	RP552	RP652H	RP702	RP790	RP840G
Panel	LCD Size	55"	65"	70"	79"	84"
	Light Source	LED	LED	LED	LED	LED
	Resolution	1920 × 1080 (FHD)	1920 × 1080 (FHD)	1920 × 1080 (FHD)	3840 × 2160 (4K)	3840 × 2160 (4K)
	Brightness (Typical)	350 nits	350 nits	350 nits	400 nits	350 nits
	Contrast Ratio (Typical)	1,400:1	4,000:1	4,000:1	1,200:1	1,600:1
	Response Time (ms)	8ms	8ms	6ms	5ms	8ms
	Viewing Angle (Horizontal / Vertical)	178°/178°	178°/178°	178°/178°	178°/178°	178°/178°
	Color Gamut (x% NTSC)	68%	72%	68%	72%	72%
	Panel Bit (8 or 10)	10 bit	10 bit	10 bit	10 bit	10 bit
	Light Life (Typical)	50,000hrs	30,000hrs	50,000hrs	30,000hrs	50,000hrs
	Display Orientation	Landscape	Landscape	Landscape	Landscape	Landscape
Power	Voltage	100V ~ 240V, 50/60Hz	100V ~ 240V, 50/60Hz	100V ~ 240V, 50/60Hz	100V ~ 240V, 50/60Hz	100V ~ 240V, 50/60Hz
	Maximum (Watt)	190W	220W	220W	250W	550W
Touch	Touch Technology	IR Touch	IR Touch	IR Touch	IR Touch	IR Touch
	Numbers of Touch	Up to 10 points	Up to 10 points	Up to 10 points	Up to 10 points	Up to 10 points
	Resolution	32,767 × 32,767	32,767 × 32,767	32,767 × 32,767	32,767 × 32,767	32,767 × 32,767
	Touch Interface	USB × 1	USB × 2	USB × 2	USB × 2	USB × 1
	OS Supported	Windows XP, Windows Vista, Windows 7, Windows 8, Mac OS X 10.6 to 10.10, Linux, Chrome OS				
Glass	Tempered Glass	4mm, tempered glass	4mm, tempered glass	4mm, tempered glass	4mm, tempered glass	4mm, tempered glass
	Anti-Glare (AG) Coating	80%	80%	80%	80%	80%
Audio	Internal Speaker(Amp)	10W × 2	10W × 2	10W × 2	10W × 2	10W × 2
	Audio Input (L/R, RCA)	Yes (x1; L/R, in mini CVBS)	Yes	Yes	Yes	Yes (x1; L/R, in mini CVBS)
	Audio Output (L/R, RCA)	N/A	Yes	Yes	Yes	N/A
	External Speaker Out (L/R)	N/A	N/A	N/A	Yes	N/A
	Earphone (3.5mm)	Yes	Yes (x2)	Yes (x2)	Yes (x2)	Yes
	Line In (3.5mm)	Yes (x3)	Yes	Yes	Yes	Yes (x3)
	MIC (3.5mm)	N/A	Yes	Yes	Yes	N/A
	Coax Output	Yes	Yes	Yes	Yes	Yes
AC Power	Power (AC) Input	Yes	Yes	Yes	Yes	Yes
	Power (AC) Output	N/A	Yes	N/A	Yes	N/A
	Power Switch	Yes	Yes	Yes	Yes	Yes
Basic IO	VGA In	Yes (x3)				Yes (x3)
	VGA Output	Yes	N/A	N/A	N/A	Yes
	HDMI Input	HDMI 1.3 × 3 (MHL × 1)	HDMI 1.3 × 5 (MHL × 1)	HDMI 1.3 × 5 (MHL × 1)	HDMI 1.3 × 3; HDMI 1.4 × 2 (MHL × 1)	HDMI 1.3 × 3 (MHL × 1); HDMI1.4 × 1
	HDMI Output	N/A	N/A	Yes	N/A	N/A
	OPS Slot	Yes	Yes	Yes	Yes	Yes
Legacy IO	Composite Video In	Yes (RCA, share with mini CVBS)	Yes (RCA)	Yes (RCA)	Yes (RCA)	Yes (RCA, share with mini CVBS)
	Composite Video Out	N/A	Yes (RCA)	Yes (RCA)	Yes (RCA)	N/A
	Component In (YPbPr)	Yes (RCA)	Yes (RCA)	Yes (RCA)	Yes (RCA)	Yes (RCA)
	S-Video In	N/A	Yes	N/A	Yes	N/A
	USB Player (Photo, Video)	Yes (x2)	Yes (x2)	Yes (x2)	Yes (x2)	Yes (x2)
	USB Port (USB Extender)	Yes (x4; USB2.0 × 3; USB3.0 × 1)	Yes (x2)	Yes (x2)	Yes (x4)	Yes (x2)
	USB Port (USB Extender)	N/A	Yes (x2) (for OPS)	Yes (x2) (for OPS)	Yes (x2) (for OPS)	N/A
Control	RS232 Input	Yes	Yes	Yes	Yes	Yes
	RS232 Output	Yes	Yes	Yes	Yes	N/A
	RJ45 Port	Yes	Yes	Yes	Yes	Yes
	Firmware Update	USB / RS232 / OTA	USB / OTA	USB / OTA	USB / OTA	USB / RS232 / OTA
Mechanical	Weight (Without Packing / With Packing)	47kg / 58kg	57kg / 71kg	63kg / 79kg	87kg / 112kg	116kg / 146kg
	Dimension (WxHxD)	1,315 × 805 × 93mm	1,505 × 901 × 122mm	1,625 × 968 × 95mm	1,847 × 1,093 × 95mm	1,978 × 1,187 × 96mm
	Wall Mounting	VESA Standard; 400 × 400 (M8)	VESA Standard; 400 × 400 (M6)	VESA Standard; 400 × 400 (M8)	VESA Standard; 600 × 400 (M8)	VESA Standard; 600 × 600 (M8)
	VESA Hole (For Media Player)	N/A	100 × 100 (M4)	100 × 100 (M4)	100 × 100 (M4)	N/A
	Front I/O Cover	N/A	Yes	Yes	Yes	Yes
	Handle	Yes (x2)	Yes (x2)	Yes (x2)	Yes (x4)	Yes (x2)
	Pen Tray	N/A	Yes	Yes	Yes	Yes
Language	OSD (21 Languages)	English / French / Spanish / Portuguese / Simplified Chinese / Traditional Chinese / German / Deutsch / Polish / Russian / Czech / Danish / Swedish / Italian / Romanian / Finnish / Norwegian / Greek / Turkish / Arabic / Japanese				
Package / Accessory	Remote Control + Battery x2	Yes	Yes	Yes	Yes	Yes
	Power Cord (By Region)	Yes	Yes	Yes	Yes	Yes
	Audio Cable	Yes	Yes	N/A	N/A	Yes
	VGA Cable	Yes	Yes	Yes	Yes	Yes
	Quick Start Guide	Yes	Yes	Yes	Yes	Yes
	User's Manual Electronic File	Yes (on BenQ local website)	Yes (on BenQ local website)	Yes (on BenQ local website)	Yes (on BenQ local website)	Yes (on BenQ local website)
	Touch USB Cable	Yes	Yes	Yes	Yes	Yes
	Touch Pen (Stylus)	Yes (x2)	Yes (x2)	Yes (x2)	Yes (x2)	Yes (x2)
	Software License Card	Yes	Yes	Yes	Yes	Yes
Optional	Wall Mount	Yes	Yes	Yes	Yes	Yes
	QCast HDMI Streaming Dongle	Yes	Yes	Yes	Yes	Yes
	Trolley	Yes	Yes	Yes	Yes	Yes

*A closed platform ensures the proper use of the display by preventing downloads and use of unauthorized apps to minimize unanticipated damages or breakdowns.

Product Specification

Product		Smart Signage Series
	Model Name	ST550K
Panel	Screen Diagonal	55"
	Backlight	D-LED
	Active Area (Horizontal x Vertical) (mm)	1,225.2 x 696.7
	Resolution (Pixels)	UHD 3,840 x 2,160
	Aspect Ratio	16:9
	Brightness (Typical)	350 nits
	Contrast Ratio (Typical)	1,200:1
	Viewing Angle (Horizontal / Vertical)	178° / 178°
	Color Gamut (x% NTSC)	65%
	Frame Rate	60Hz
	Response Time (ms)	6ms
	Panel Bit / Color Support	10 Bit / 1.06B
	Light Life (Typical)	30,000hrs
	Display Orientation	Landscape
Touch	Technology	N/A
	Resolution (Point Area Function)	N/A
	Capacity	N/A
	Accuracy	N/A
	Touch Output	N/A
	Operating System Supported	N/A
	USB (Touch to External PC)	N/A
Audio	Internal Speaker (Amp)	8W + 8W
	Audio Input (Left / Right, RCA)	x1
	Audio Output (Left / Right, RCA)	x1 (3.5mm)
	External Speaker Out (Left / Right)	N/A
	Line In (3.5mm)	N/A
Basic IO	VGA Input / Output	x1 / N/A
	DVI-D Input / Output	N/A
	HDMI Input / Output	x3 / N/A
Legacy IO	Composite Video In / Out	N/A / x1 (RCA)
	Component In / Out (YPbPr, RCA)	x1 (RCA) / N/A
	S-Video In / Out	N/A
Premium IO	Display Port Input / Output	N/A
	USB Port	x4
	RJ45 Port	x1
Mechanical	Dimension (WxHxD)	1,247 × 725× 80mm / 1,247 × 791 × 324mm (Without Stand / With Stand)
	Bezel Width (Top / Bottom / Left / Right)	6.1 / 13.6 / 6.1 / 6.1mm
	Weight (Without Packing / With Packing)	16kg / 20kg
	Wall Mounting (VESA) (mm)	200 x 300 (4-Hole)
Power	Voltage	100v~240v, 50Hz / 60Hz
	Power Consumption (Maximum / Standby)	<155W / <0.5W
Environment	Operation Temperature	0°C ~ 40°C
	Storage Temperature	-20°C ~ 55°C
OSD	On-Screen Display Languages	English / French / Spanish / Portuguese / Simplified Chinese / Traditional Chinese / German / Deutsch / Polish / Russian / Czech / Danish / Swedish / Italian / Romanian / Finnish / Norwegian / Greek / Turkish / Arabic / Japanese (21 Languages)
Accessory	Remote Control	Yes
	Power Cord (By Region)	Yes
	VGA Cable	Yes
	HDMI Cable	Yes
	Quick Start Guide	Yes
	User's Manual Electronic File	Yes
	USB Cable for Touch (A-B)	N/A
	Touch Pen	N/A
Features		■ Image Setting ■ Source / Volume Control ■ Sharpness Enhancement ■ HDMI-HDCP ■ HDMI-MHL ■ 10-Bit Color Processing

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Dealer's Stamp

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Because it matters