

BenQ



Find us here: <https://www.benq.com/en-ap/business/index.html>

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BenQ

Modern Workplace Technology for Hybrid Working



No.1 DLP
Projector Brand



Antivirus
Security



Video
Conferencing



Cloud
Whiteboarding



Germ-Resistant
Technology

BenQ Corporate Display Solution



Make Your Inspiration and Teamwork Shine

BenQ displays for corporate environments enable team collaborations and creativity. Our products help companies overcome time and location restriction and work together despite changing conditions. Cloud whiteboarding, wireless sharing and high quality video conferencing enhance hybrid working, meaning “Bring Your Own Device” (BYOD) works great every time. BenQ offers easy to use solutions that fuse hardware and software seamlessly for your teammates at office or home.



**Smart Projector
for Business**



Business Projector



**Wireless
Presentation System**



Interactive Display



**Smart Signage
for Corporate Display**



LCD Monitor

Create a Modern Workplace for Collaborations

Energizing all types of meeting spaces with interactive displays for small huddle rooms or projectors for large conference rooms, BenQ Corporate Display Solutions provide unlimited ways to present, share, and collaborate. Networked or wireless, BenQ corporate displays offer intuitive user-friendly design, simple operation, and economical hassle-free maintenance. Offering wireless and interactive displays for untethered instant collaboration, BenQ Corporate Solutions enable new ways to conduct business every day.

Extended Collaboration

- DuoBoard Interactive Display
- Wireless Presentation System: InstaShow(hardware) or InstaShare(software)



Video Conferencing for Remote Collaboration

- High Brightness Laser Projector
- Interactive Display
- Corporate Display
- Wireless Presentation System: InstaShow(hardware) or InstaShare(software)



Engaging Interactive Training

- 4K High Brightness Laser Projector
- Interactive Display
- Wireless Presentation System: InstaShow(hardware) or InstaShare(software)



Discussion and Presentation

- Smart Projector for Business
- Laser Short Throw Projector
- Interactive Display
- Corporate Display
- Wireless Presentation System: InstaShow(hardware) or InstaShare(software)





Smart Projector for Business

Portable Video Conferencing Solution



BenQ Smart Projector for Business provides the flexibility to go from one meeting room to another for easy video conferencing. Live-sized video chat without occupying anyone's laptop, bringing users a more engaging and productive virtual meetings for remote communications.



* Webcam is required. Users can access TeamViewer Meeting from BenQ Suggests, or install any compatible video conferencing apk from a secure source.



Wireless Mirroring Across Multiple Platforms

Simply bring your smartphone, tablet, or laptop PC for Instant wireless projection. Eliminate cable clutter. Even in a Wifi-less environment, the hotspot mode allows users to wirelessly cast the screen from their mobile device.



Be Organised, Nimble with Just a USB

The USB port supports a wide range of file formats including JPEG, PDF, Microsoft Word, Excel and PowerPoint files. It also works with a keyboard, mouse or webcam.



Turn Any Meeting Room into a Video Conference Room



BenQ Exclusive Apps for More Productivity



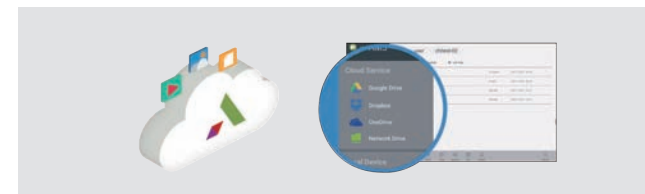
AMS

Access and manage your cloud drives.



DMS

Manage devices remotely at your fingertips.



X-Sign Broadcast

Push instant notifications.



BenQ Smart Control

Navigate the projector from your smartphone.



Get Inspired with Crystal Clear Image

Advanced Infographic Mode

The advanced Infographic Mode perfectly fits the current corporate trend of mastering infographic-heavy presentations. It is perfect for showcasing the text and graphics in detail.



DLP Projection for Zero Color Decay

BenQ DLP projectors maintain the most vivid, crisp images by eliminating color decay, preserving absolute picture quality for many years to come.





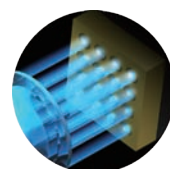
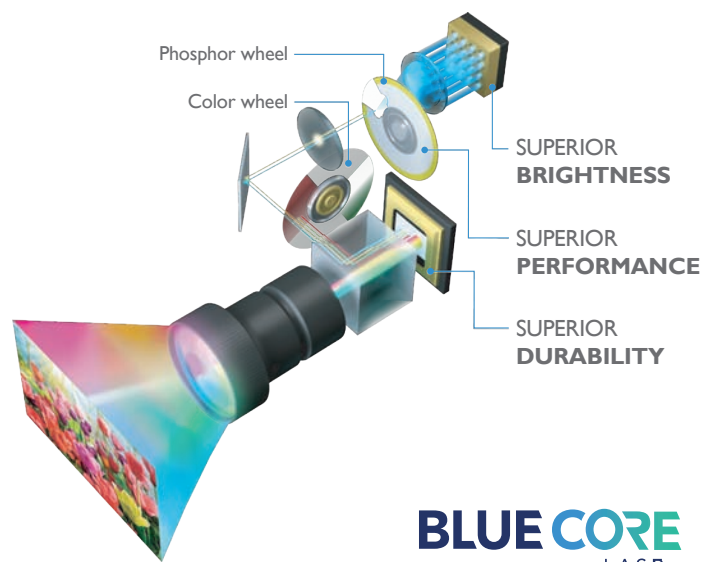
Business Projector

The Secret to Impactful Meetings: BlueCore™ Technology



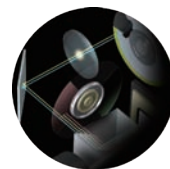
The No.1 DLP brand in the world, BenQ has designed the Corporate Laser Projector to offer brightness, durability, and performance that far outstrip the competition. Because of the savings delivered by dramatically improved image quality, efficiency-boosting features, and drastically reduced maintenance costs, BenQ Corporate Laser Projectors are also the best choice for an organization's bottom line.

Superior Laser Projection System



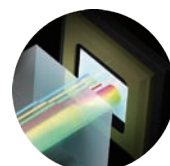
Superior Brightness
Precision-Aligned High-Output Laser Source

The zero-deviation alignment of Bluecore laser diodes boosts luminous flux into the light tunnel, improving efficacy.



Superior Performance
Secondary Yellow-Infused Color Wheel

The dual synchronized BlueCore color wheel utilizes an additive yellow segment, stimulating precise RGBY spectra for optimal chromatic performance.



Superior Durability
Hermetically Sealed DLP Chip

Comprising over two million micromirrors that reflect pure light through the color wheel, the DLP chip is hermetically sealed so that it can resist heat for over 100,000 hours without degradation.

Superb Long-Lasting Color and Clarity from Professional BlueCore™ Laser Projection

The No.1 DLP brand in the world, BenQ has designed the Corporate Laser Projector to offer brightness, durability, and performance that far outstrip the competition.

Stunning 4K BlueCore™ Laser Technology

With BlueCore™ laser-powered brightness and 20,000 hours of maintenance-free operation, BenQ 4K Laser Projector harnesses the enduring DLP picture quality, razor-sharp 4K resolution, and dustproof technology to deliver impactful visual communication. It is ideal for entertainment simulators, cinema, auditoriums, museums and galleries.

* Available on selected models.



Superb Dustproofing with Sealed Engine

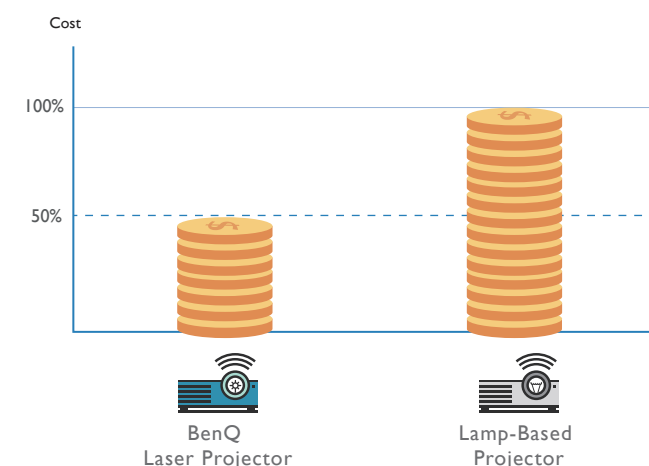
BenQ Laser Projector is designed with sealed laser modules and enclosed light engines to protect the DMD chip, color wheel sensor, laser bank, and other optical components. The design has passed the dust chamber test IP5X standard.



20,000 Hours of Maintenance-Free Performance

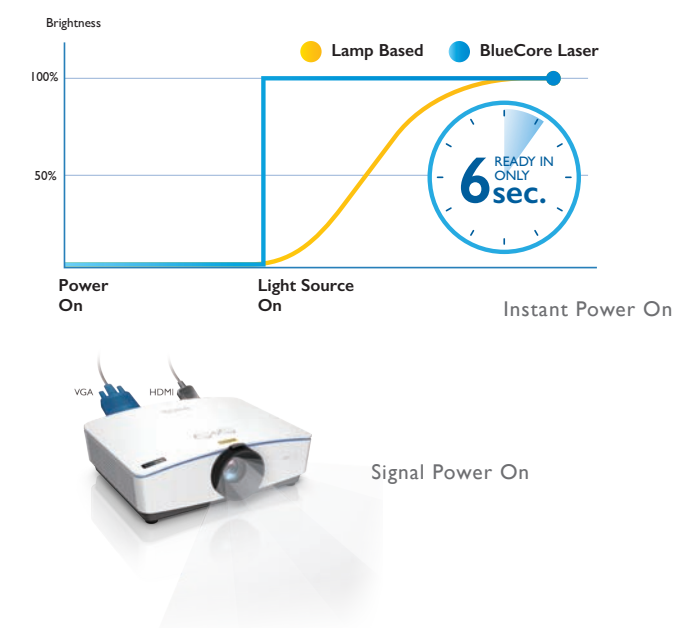
BenQ Corporate Laser Projectors, rated to run 20,000 hours without requiring any consumables, are a reliable and affordable long-term choice. After accounting for upfront price and consumable costs, the BenQ Corporate Laser Projector can deliver savings of over 50% over the course of its life versus a conventional projector *, and the absence of consumables also makes maintenance a breeze.

* Savings calculation based on the price of a lamp projector with the same lumen output and nine replacement bulbs. (Labor cost not included.)



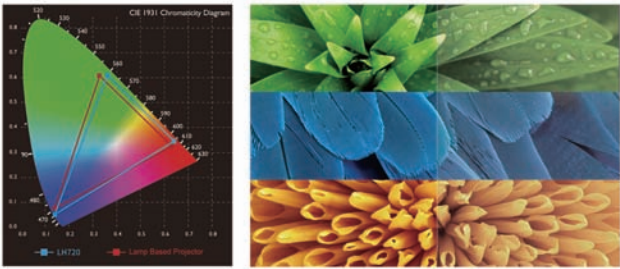
Instant On/Off and Signal Detection

BenQ Corporate Laser Projectors start up extremely quickly and don't need to warm up or cool down, thereby saving time and boosting meeting efficiency. And for added convenience, the projector can be set to automatically power on when it detects a VGA or HDMI signal, making it the ultimate plug-and-play device.



Superior Image Quality

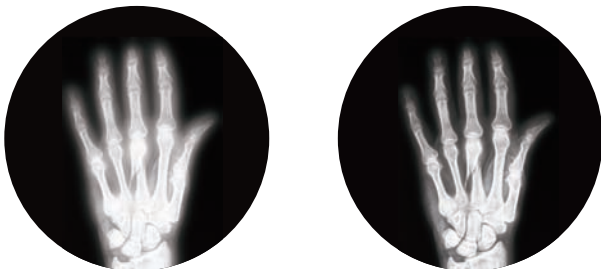
The BlueCore laser projection utilizes a dual color wheel system to produce unparalleled color performance that achieves a 90% Rec. 709 color coverage. By increasing color ratios and the purity of RGBY color, BenQ Laser Projector largely enhances color saturation to ensure superior presentation quality.



DICOM X-ray Imaging

DICOM (Digital Imaging and Communication in Medicine) is a standard for handling, storing, printing and transmitting medical imaging information. DICOM Simulation Mode is ideal for viewing grayscale medical images like X-rays.

* Available on selected models.



Sharp and Bright in Any Light: Flexible, Brilliant and Reliable for Your Meeting Room

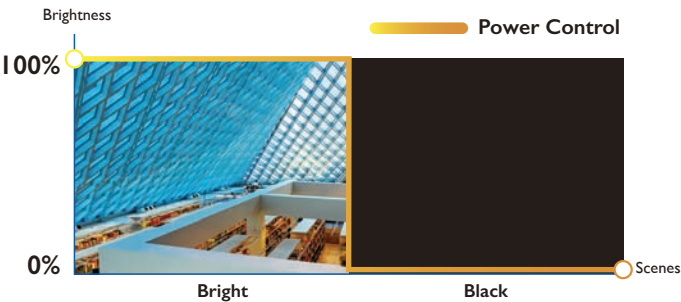
High Brightness for Well-Lit Conference Rooms

With the power of BlueCore technology, there's no longer any need to turn off the lights during a presentation. Offering up to 8000 lumens of brightness, BenQ Corporate Laser Projectors are capable of delivering clear images in comfortably lit spaces, boosting participants' focus and making images clearer for people sitting in every corner of the room.



Ultra-High Laser-Powered Contrast

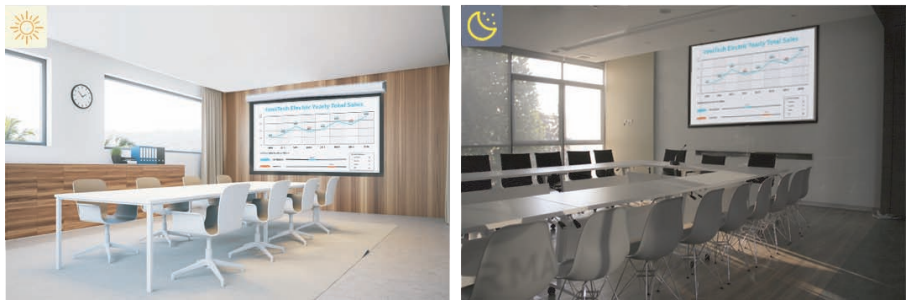
BenQ Corporate Laser Projectors offer a native contrast ratio of 20,000:1 to deliver blacks that are true, colors that are rich, and details that are strikingly clear. Extra-deep blacks are essential for making dark scenes look realistic and high contrast ensures that employees' presentations look vivid and crisp.



LumiExpert™ Ambient-Light Detection

BenQ's LumiExpert™ can automatically detect the ambient light conditions of a meeting room and maximize clarity and comfort. Whether presenting in a dark boardroom or a brightly-lit office, LumiExpert™ makes sure the BenQ Corporate Laser Projector delivers peak performance.

* Available on selected models



Cost Effective, Maintenance-Free Performance

DLP Technology for Color that New Fades

With BenQ's I-chip DLP design, which can perform for over 100,000 hours without degrading, BenQ Corporate Laser Projectors can deliver lifelike colors, shapes and clear text for years or even decades.



Digital Image Shrinking and Shifting

Digital image shrinking lets installers shrink the image to 75%** of its original size with precise 0.5% increments. Meanwhile, in cases when images are improperly aligned or otherwise out of place, image shifting lets installers make changes without reinstalling or physically adjusting the projector.

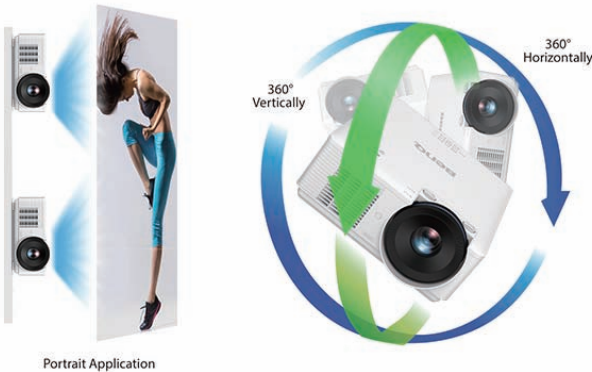
* Available on selected models ** Percentage may vary by model



Excellent Installation Flexibility for 360° and Portrait Projection

BenQ Laser Projector features BlueCore technology which guarantees reliable projection and can be tilted 360° vertically and horizontally, allowing projection onto ceilings, walls, floors, or angled signage to fulfill any projection demand.

* Available on selected models.





Wireless Presentation System

InstaShow™ Plug & Play for Professional and Seamless Meetings

InstaShow™ series are easy to use solutions that allow users to present instantly with data shield. Featuring just one single button and requiring no software or drivers, the plug-and-play operation facilitates productive meetings with enterprise grade encryption.

- No Software, Zero Driver
- No Messy Cables
- One Simple Button to Start Presenting
- Enterprise Class Security with AES 128-Bit Encryption



InstaShow

WDC10/ WDC10C/ WDC20/ WDC20C

* For laptop devices, InstaShow is compatible with laptops with USB/HDMI ports (WDC10C & WDC20C) , or laptops with USB-C DP Alt Mode (WDC10C).

Intuitive

One Simple Button to Start Presenting



Easily Share Insights from Mobile Devices



* For WDC20/ WDC20C only.

Join Anytime with Simple Pairing



Touch Back and Annotations with Touch Screen



* For WDC20/ WDC20C only.



No Software Setup or Maintenance



Steady

Router-level Chipset

Qualcomm Technologies offer higher network bandwidth for smooth video streaming.

Wi-Fi 5 (802.11ac) Standard

InstaShow ensures smooth wireless FHD video streaming without stuttering.

Smart Auto Resolution Sync With EDID

It automatically matches resolutions between a source notebook and the output display.



Spilt-Screen for Multi-person Presentations

* For WDC20/ WDC20C only.



Secure

As a hardware-based design with WPA2 authentication protocol, AES 128-bit encryption and CVSS compliance, InstaShow ensures any data transmission in a quick, smooth and secure way. InstaShow passed CVSS 3.0 standards tested by an ISO27001 & ISO17025 certified security lab, ensuring your corporate intelligent properties are safeguarded.



Who Needs InstaShow ?

For Presentation



For Training or Seminar



For Organizations who Value Data Security



Wireless presentation for laptops

WDC10

HDMI + USB



WDC10C

USB Type-C



Wireless presentation for any devices

WDC20

HDMI + USB



WDC20C

USB Type-C





Interactive Display

Collaboration+ Unleash Infinite Possibilities

BenQ DuoBoard is designed to tap into the dynamic possibilities of the modern meeting room and help businesses develop and maintain an environment where ideas shine. It facilitates extended, seamless team collaboration and stimulates innovative ideas.



Duo Users

Several users can collaborate face-to-face or remotely in real time. The workspace can be expanded through screen casting or cloud whiteboarding.



Duo Boards

Double your workspace by merging two DuoBoards together. Enjoy extra whiteboarding space and easy file sharing.



Duo Windows

Split the workspace into two windows. Work on two different applications at the same time.



Duo OS

Pull up a different window on the same workspace. No need to switch between two devices when multitasking.



Duo Cast

Cast your personal device's screen onto BenQ interactive displays and vice versa. Users can control the shared screen.



Duo Axis

Change the screen orientation to fit different needs. A vertical DuoBoard is perfect for mobile screen casting.

* Available on CP6501K

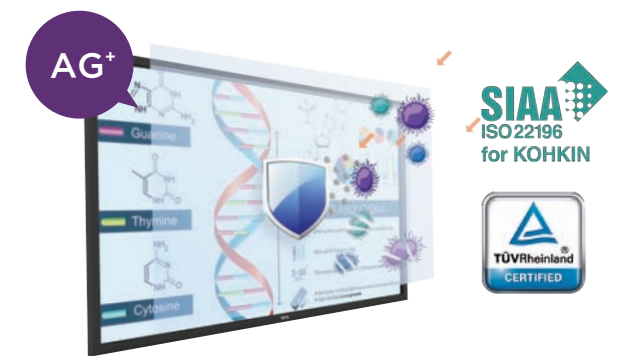
Healthy Workplace for Employee Collaborations

Health matters for employee wellbeing. BenQ interactive displays ensure your workplace embraces innovation without compromising employees' health, providing germ-resistant screen, air quality sensors, and smart eye-care technology.



Zoom Certified Video Conference Solution for Remote Communications

Start a high-quality video conference anytime. Elevate your virtual meeting for better engagement and team work.

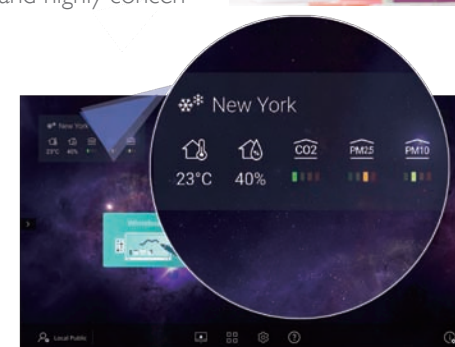


Germ-Resistant Screen of the 3rd Generation

As the first and leading brand for germ-resistant screen technology, BenQ has continued to innovate this technology since 2016. The germ-resistant screen is empowered by a multilayer coating of the enduring nano ionic silver agent that kills most germs to keep the users safe.

Air Quality Sensor – CO₂ / PM2.5

Bad indoor air quality decreases the meeting efficiency and exposed your employees at risk of health problems. BenQ IFP can monitor temperature, humidity, PM 2.5 and CO₂ level, providing real-time data to ensure everyone remains healthy and highly concentrated.



Smart Eye Care Solution

For a smooth and comfortable viewing experience, the short-range PIR buttons on BenQ interactive displays will automatically activate Flicker-Free and Low Blue Light features by detecting the movement of users who are close to the screen.



Flicker-free



Low Blue Light



Anti-glare

BenQ Exclusive Software



EZWrite



X-Sign Broadcast



InstaShare



AMS



DMS

Powerful Whiteboarding for Collaborative Meetings



Cloud Whiteboard, Sticky Notes & Duo Pens

Packed with user-friendly features, BenQ's EZWrite software is the leading annotation solution for interactive and collaborative meetings. Everyone can enjoy enhanced interactivity by using the cloud whiteboard to collect, edit, and share notes between the interactive display and a variety of devices.

Floating Tool

Floating Tool empowers to write on top of any app, video, website, document or image. It's easy to write, erase, record or capture screen at your fingertips.



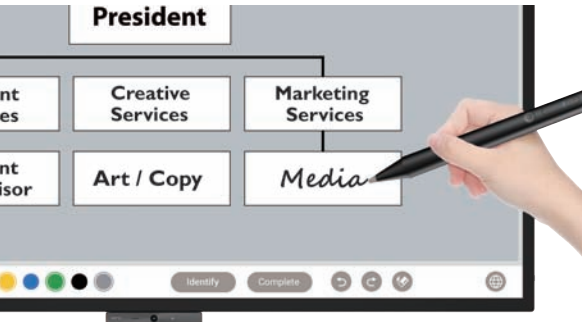
Fast Screen Capture and Easy Import

With EZWrite's Floating Tool, users can easily capture a screenshot on BenQ interactive displays, and import the content into EZWrite for further annotations.



Intelligent Handwriting Recognition

Converting your handwritten texts, numbers, forms or drawings into legible digital texts has never been so easy before. No need to switch modes at all.



NFC Technology & AMS

Use BenQ's Account Management System (AMS) to manage user profiles and log in with NFC card. Access your personal files on cloud drives (Google Drive, OneDrive, Dropbox).



The OPS Slot

The OPS (Open Pluggable Specification) slot allows users to upgrade your interactive display to be an all-in-one Windows-based PC.



Voice Assistant for Hands-Free Control

Voice Assistant lets users control the flow of meetings by starting timers or searching the internet from anywhere in the room, simply via the remote control.

* Available on DuoBoard only.

Real-time Analysis

Track how each interactive displays is utilized, the active hours and app usage.



Over-The-Air Updates

OTA updates ensure that your interactive displays receive the latest features and security updates.



Flexible Device Management

BenQ's Device Management Solution (DMS) let you remotely install apps and manage all of your displays.



Antivirus Protection

BenQ offers 2-year free McAfee antivirus solution to protect your interactive displays from potential malware infection.



Meeting Room Schedule

Check meeting room schedule and its booking status on your interactive displays. Find out which days and times your rooms are filling up, and when they are free.

* Available on DuoBoard IFP only.



Capacitive Touch Technology Direct Bonding

The advanced Projected Capacitive (P-cap) touch technology enhances users' handwriting experience on DuoBoard, enabling accurate, precise touch responses on the screen. It also supports multi-touch capability for team collaboration. The high-quality glass layer offers great resistance to light, dust and water, enhancing overall durability.



Reduces the gap between the touch point and the point displayed on screen.



Creates natural handwriting with a new touch frame that recognizes a smaller radius.



Reduces the pre-touch distance to offer better touch and writing experiences

* Available on DuoBoard IFP only.

Software/ Technology Partners





Smart Signage for Corporate Display

Engage Your Audience with a Smooth Meeting

BenQ Smart Signage is the ideal non-touch corporate display solution for small and large businesses. The enterprise-grade 4K UHD displays are built for highly engaging meetings, presentations, and video conferencing. They come in many sizes from 43" to 86" to best fit your meeting room.

Built-In Android™ OS

The smart signage comes with its own Android OS, eliminating the need for an external processing device or player to access and display content.



USB Plug and Play

The USB port supports a wide range of file formats including JPEG, PDF, Microsoft Word, Excel and PowerPoint files. It also works with a keyboard, mouse or webcam.



Easy Video Conferencing

Users can conveniently host or join a Zoom video conference with the camera that matches your requirements. Zoom Rooms and other top-tier conferencing apps are fully compatible with BenQ Smart Signage through its OPS slot computer.



Effortless Wireless Presentation

InstaShare software is designed for seamless wireless presentation. It allows the smooth streaming of visual, audio files and Full HD quality videos. Users can mirror content from mobile devices, and invite up to 16 participants for seamless collaboration.

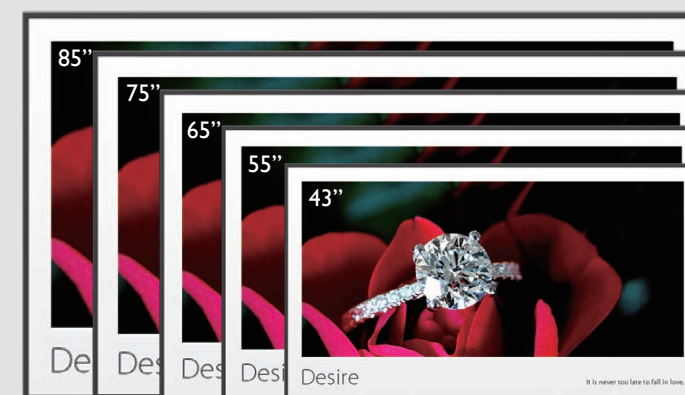


Control Everything in One Spot

Managing BenQ Smart Signage and other displays has never been so easy before! Through our OTA support, it's easy to upgrade the latest firmware at your fingertips.



SL02 Series
PANTONE® validated Smart Signage



ST02 Series
Smart Signage for Meeting Room

Accessory: Video Conference Camera

DVY21



• 1080P • 88° wide field of view
For Huddle Space

DVY22



• 4K • Digital Zoom
For Medium Space

DVY23



• 1080P • PTZ Camera
For Large Space



LCD Monitor

Eye-care Technology to Enhance Work Efficiency

Technology has become an integrated element in modern life. Monitors are ubiquitous in people's daily lives for work, study, or personal leisure. Employees are likely to spend more time in front of a computer monitor. Those hours add up quickly and can create strain on their eyes and overall health. Wondering how to prevent eye strain and fatigue while keeping eye health in the digital world? The right monitor is a great start.

As a renowned provider of digital lifestyle innovations, BenQ has a full range of monitors made for different needs, especially for office workers and professional art workers. For office workers, BenQ monitors are designed with ergonomics for proper sitting posture and exclusive eye-care™ technology to help eliminate the stress that traditional monitors put on employees' eyes. For professional art workers, on the other hand, BenQ has developed AQCOLOR technology tailor-made for those who have great demand on color accuracy and software for customized monitor setting.



Brightness Intelligence (Plus) Technology

The ambient light sensor detects the amount of ambient light in employees' viewing environment, and automatically adjusts the most comfortable and suitable screen brightness to match their surroundings without sacrificing the image quality of the content. It will also detect content intensity to avoid overexposure of bright scenes while enhancing dark areas to maintain clear visibility.



Low Blue Light Technology



Blue-violet radiation is harmful to employees' eyes. BenQ Low Blue Light Technology is designed to filter out harmful blue light, effectively diminishing eye fatigue and irritation for the optimal viewing comfort.

Flicker-Free Technology



When employees set eyes on the monitor for 8 hours, their eyes perceive 5.8 million times of flickers. BenQ Flicker-Free Technology offers employees a chance to use monitor without compromising eye health and image quality.

Ergonomic Design

Rising up at least 110mm from the base, BenQ's Height Adjustment Stand offers height, tilt, pivot, and swivel that can adjust employees' work station to one that best suits their ergonomic needs.



with Flicker-free technology without Flicker-free technology

Green Certification Assurance

BenQ monitors are certified by TCO and EPEAT to promote environmental friendly purchasing decisions for commercial, governmental, and institutional deployment.



Accurate Color to Inspire Quality Artworks

To satisfy professional art workers' needs for impeccable color performances while enhancing the overall productivity, BenQ has developed AQCOLOR technology to uphold the concept: "Accurate Reproduction". BenQ has invited a color expert to lead the team, and also joined ICC (International Color Consortium) and ISO (International Standard Organization) to establish color-related standards and implementation. BenQ professional monitors achieve industry color standard to deliver truer and accurate colors so as to relive the moment.



Certified with Verified by CalMAN and Pantone Validated



Smart Projector

					
Models	EH600	EW600	EX600	EW800ST	EX800ST
Display					
Native Resolution	1920 x 1080 pixels, 1080p	1280 x 800 pixels, WXGA	1024 x 768 pixels, XGA	1280x800 pixels, WXGA	1024 x 768 pixels, XGA
Brightness	3,500 Lumens	3,600 Lumens	3,600 Lumens	3,300 Lumens	3,300 Lumens
Contrast Ratio*	10,000:1	20,000:1	20,000:1	20,000:1	20,000:1
Display Color	1.07 Billion Colors	1.07 Billion Colors	1.07 Billion Colors	1.07 Billion Colors	1.07 Billion Colors
Aspect Ratio	Native 16:9 (5 aspect ratio selectable)	Native 16:10 (5 aspect ratio selectable)	Native 4:3 (5 aspect ratio selectable)	Native 16:10 (5 aspect ratio selectable)	Native 4:3 (5 aspect ratio selectable)
Light Source	Lamp 200W	Lamp 200W	Lamp 200W	Lamp 200W	Lamp 200W
Light Source Life*	Normal 5000 hrs ; Economic 10,000 hrs ; SmartEco 10,000 hrs ; LampSave 15,000 hrs			Normal 5000 hrs ; Economic 10,000 hrs ; SmartEco 10,000 hrs ; LampSave 15,000 hrs	
Optical					
Throw Ratio	1.49~1.64	1.55~1.7	1.96~2.15	0.49	0.61
Zoom Ratio	1.1X	1.1X	1.1X	Fixed	Fixed
Lens Control	Manual Focus	Manual Focus	Manual Focus	Manual Focus	Manual Focus
Keystone Correction	1D, Vertical +/- 40 degrees	1D, Vertical +/- 40 degrees	1D, Vertical +/- 40 degrees	1D, Vertical ± 30 degrees	1D, Vertical ± 30 degrees
Projection Offset	108±2.5%(Full-Height)	100±2.5%(Full-Height)	110±2.5%(Full-Height)	105±2.5%(Full-Height)	115±2.5%(Full-Height)
Projection Size	60"~180"	60"~180"	60"~180"	70"~120"	60"~120"
Audio					
Built-in Speaker	2W x1	2W x1	2W x1	2W x1	2W x1
Feature					
Features	Built-In smart system, BenQ Launcher, Hidden Wireless dingle, Bluetooth Audio out, Digital zoom(2x), Digital Shrink and Shift, AMS, DMS, X-Sign Broadcast			Built-In smart system, BenQ Launcher, Hidden Wireless dingle, Bluetooth Audio out, Digital zoom(2x), Digital Shrink and Shift, AMS, DMS, X-Sign Broadcast	
Security	Security Bar	Security Bar	Security Bar	Security Bar, Kensington anti-theft lock slot	
Connectivity					
I/O Port	HDMI x1 PC (D-sub 15pin) x1 Monitor out (D-sub 15pin,Female) x1 Audio in (mini jack) x1	Audio out (mini jack) x1 RS232 In (D-sub 9pin, male) x1 USB Type A-1 x1 USB TypeA-2 (5V,1.5A) x1	USB Type A (For hidden wireless dongle) x1 USB Type mini B x1 IR Receiver (Front+Top) x2	HDMI x1 PC (D-sub 15pin) x1 Monitor out (D-sub 15pin,Female) x1 Audio in(mini jack) x1 RS232 In (D-sub 9pin, male) x1	LAN Port(RJ45 for Network) x1 USB TypeA-1x1 USB TypeA-2 (5V,1.5A) x1 USB Type mini B x1 IR Receiver (Front+Top) x2
Smart System					
OS System	Android 6.0	Android 6.0	Android 6.0	Android 6.0	Android 6.0
ROM/RAM	16 GB / 2 GB	16 GB / 2 GB	16 GB / 2 GB	16 GB / 2 GB	16 GB / 2 GB
Wireless					
Wireless	Dual Band 802.11ac/b/g/n, 2.4G/5G	Dual Band 802.11ac/b/g/n, 2.4G/5G	Dual Band 802.11ac/b/g/n, 2.4G/5G	Dual Band 802.11ac/b/g/n, 2.4G/5G	Dual Band 802.11ac/b/g/n, 2.4G/5G
Bluetooth	4.0	4.0	4.0	4.0	4.0
Compatibility					
Resolution Support	VGA(640 x 480) to WUXGA_RB(1920 x 1200)			VGA(640 x 480) to WUXGA_RB(1920 x 1200)	
HDTV Compatibility	480i, 480p, 576i, 567p, 720p, 1080i, 1080p	480i, 480p, 576i, 567p, 720p, 1080i, 1080p	480i, 480p, 576i, 567p, 720p, 1080i, 1080p	480i, 480p, 576i, 567p, 720p, 1080i, 1080p	480i, 480p, 576i, 567p, 720p, 1080i, 1080p
Video Compatibility	Video Compatibility	Video Compatibility	Video Compatibility	Video Compatibility	Video Compatibility
Power					
Power Consumptions (Max/Normal/Eco)	Max 320W / Normal 280 W / Eco 235 W.	Max 320W / Normal 280 W / Eco 235 W.	Max 320W / Normal 280 W / Eco 235 W.	Max 320W / Normal 280 W / Eco 235 W.	Max 320W / Normal 280 W / Eco 235 W.
Standby Power consumption	Normal < 0.5W	Normal < 0.5W	Normal < 0.5W	Normal < 0.5Watts. Network < 2W.	Normal < 0.5Watts. Network < 2W.
Power Supply	100 ~ 240V AC	100 ~ 240V AC	100 ~ 240V AC	100 ~ 240V AC	100 ~ 240V AC
Dimension and Weight					
Product Dimensions (WxHxD)	296 x 120 x 232 mm	296 x 120 x 232 mm	296 x 120 x 232 mm	296 x 120 x 250 mm	296 x 120 x 250 mm
Product Weight	2.5 Kg	2.5 Kg	2.5 Kg	2.6 Kg+/- 200g	2.6 Kg+/- 200g
Operation Condition					
Noise Level (Normal/Eco)	33/29 dBA	33/29 dBA	33/29 dBA	33/29 dBA	33/29 dBA
Accessories					
Accessories (Standard)	Wireless Dongle: WDR02U Power Cord (by region) Remote Control w/ Battery (RC1023)	VGA cable Warranty Card (by region) QSG		Wireless Dongle: WDR02U Power Cord (by region) Remote Control w/ Battery (RC1023)	VGA cable Warranty Card (by region) QSG
Accessories (Optional)	Spare Lamp Kit (5JjLV05.001), 3D Glasses (5Jj9H25.002), Ceiling mount (5JjAM10.001), Carry Bag	Spare Lamp Kit (5JjLV05.001), 3D Glasses (5Jj9H25.002), Ceiling mount (5JjAM10.001), Carry Bag	Spare Lamp Kit (5JjLV05.001), 3D Glasses (5Jj9H25.002), Ceiling mount (5JjAM10.001), Carry Bag	Spare Lamp Kit (5JjLT05.001), 3D Glasses (5Jj9H25.002), Wall mount (WM06G3), Carry Bag	Spare Lamp Kit (5JjLT05.001), 3D Glasses (5Jj9H25.002), Wall mount (WM06G3), Carry Bag
OSD					
On Screen Display Language	Arabic/Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/ French/ German/ Greek/ Hindi/ Hungarian/ Italian/ Indonesian/Japanese/ Korean/ Norwegian/ Polish/ Portuguese/ Romanian/ Russian/ Simplified Chinese/ Spanish/ Swedish/ Turkish/Thai/TraditionalChinese/Vietnamese /Farsi (30 Languages)				

Environment Notice

* The Contrast is measure by Full On Full Off standard.

* LightSource life results will vary depending on environmental conditions and usage. Actual product's features and specifications are subject to change without notice.

* Storage: Temperature: -20~60°C; Humidity: 10~90%RH (without condensation)

* Transmission quality depends on Wi-Fi environment and the screen mirroring compatibility of mobile devices from different brands.

Business Projector

					
Models	LU9915	LU9715	LU9245	LK990	LK970
Display					
Projection System	DLP Single 0.67" WUXGA		DLP Single 0.67" WUXGA		DLP Single 0.67" XPR 4K
DMD type	DC3 DMD Chip		DC3 DMD Chip		DC3 DMD Chip
Native Resolution	WUXGA(1920x1200)		1920x1200 pixels		4K UHD (3840x2160)
Brightness	10,000 ANSI Lumens		7,000 ANSI Lumens		6,000 ANSI Lumens
Contrast Ratio*	3,000,000:1		3,000,000:1		3,000,000:1
Display Color	30 Bits (1.07 Billion Colors)		1.07 Billion Colors		30 Bits (1.07 billion colors)
Aspect Ratio	Native 16:10 9 aspect ratio selectable : 54/43/16:10/16:9/1.88/2.35/ Theaterscope/ Source(Auto)/Unscaled(Real)		Native 16:10 (6 aspect ratio selectable)		Native 16:9 (5 aspect ratio selectable)
Light Source	Laser		Laser diodes		Laser
Light Source Life*	20000/45000/85000 hours (Normal/Eco/Custom by 50% mode)		20000/38000/70000 hours (Normal/Eco/Dimming)		20000 hrs
Optical					
Throw Ratio	LS1S4 Ultra Short Throw: 0.377 LS1S3 Wide Fix: 0.76 LS1S2 Ultra Wide: 0.75~0.93 LS1S1 Wide Zoom: 1.25~1.79	LS1SD Standard: 1.73~2.27 LS1LT1 Semi Long: 2.22~3.67 LS1LT2 Long Zoom1: 3.58~5.38 LS1LT3 Long Zoom2: 5.31~8.26	LS2ST3 Wide Fix: 0.778 LS2ST1 Wide Zoom: 1.1~1.3 LS2ST2 Short Throw: 0.77~1.1 LS2ST4 Semi Throw: 1.25~1.6 LS2SD2 Standard: 1.54~1.93 LS2LT1 Semi Long: 1.93~2.9 LS2LT2 Long Zoom: 3.0~5.0	1.38~2.02	1.38~2.02
Zoom Ratio	LS1S4 Ultra Short Throw: Fixed LS1S3 Wide Fix: Fixed LS1S2 Ultra Wide: 1.25x LS1S1 Wide Zoom: 1.41x	LS1SD Standard: 1.3x LS1LT1 Semi Long: 1.65x LS1LT2 Long Zoom1: 1.5x LS1LT3 Long Zoom2: 1.55x	LS2ST3 Wide Fix: Fixed LS2ST1 Wide Zoom: 1.18x LS2ST2 Short Throw: 1.42x LS2ST4 Semi Throw: 1.28x LS2SD2 Standard: 1.25x LS2LT1 Semi Long: 1.5x LS2LT2 Long Zoom: 1.67x	1.47x	1.47x
Lens Control	8 Lens(Motorized Zoom and Focus)	8 Lens(Motorized Zoom and Focus)	Manual	Manual Zoom and Focus	Manual Zoom and Focus
Lens Shift	Standard Lens Vertical: 0%~+50% Horizontal: -10%~+10% for further information, please refer to theLens Information		Vertical: -15% ~ 55% Horizontal: -5%~5%, Standard Lens	Manual lens shift,Vertical: -60%~+60% Horizontal : -23%~+23%	Vertical: -60%~+60% Horizontal : -23%~+23%
Keystone Correction	Vertical ± 30°/Horizontal: ± 30°		Vertical ± 30°/ Horizontal: ± 30°	N/A	N/A
Projection Offset**	0%		N/A	N/A	0%
Projection Size(Diagonal)	50"~500", Standard Lens		50"~500", Standard Lens	30"~300"	30"~300"
Audio					
Built-in Speaker	N/A		20W (10Wx2)	N/A	N/A
Special Feature					
Security	Security Bar, Kensington Lock, Power Cord Lock		Security Bar/Kensington anti-theft lock slot	Security Bar	Security Bar, Power Cord Lock
Connectivity					
I/O Port	Computer In-1 (D-sub 15pin) x1 Computer In-2 (5BNC,YPbPr) x1 Monitor out (D-sub 15pin, Female) x1 HDMI x1 / DisplayPort x1 DVI-D In x1 / 3G-SDI In x1 3G-SDI Out x1 / HDBaseT(RJ45 for Video/ Audio Display and Network control) x1 3D Sync Out x1 / 3D Sync In x1 Wired Remote In x1 RS232 In (D-sub 9pin, male) x1 12V Trigger X1	Computer In-1 (D-sub 15pin) x1 Computer In-2 (5BNC,YPbPr) x1 Monitor out (D-sub 15pin, Female) x1 HDMI x1 / DisplayPort x1 DVI-D In x1 / 3G-SDI In x1 3G-SDI Out x1 / HDBaseT(RJ45 for Video/ Audio Display and Network control) x1 3D Sync Out x1 / Wired Remote In x1 RS232 In (D-sub 9pin, male) x1 12V Trigger x1	Computer In-1 (D-sub 15pin) x1 Computer In-2 (5BNC,YPbPr) x1 Monitor out (D-sub 15pin, Female) x1 HDMI (HDCP 2.2) x2 Composite Video in (RCA) x1 Audio in (Mini Jack) x1 / Audio L/R in (RCA) x1 Audio L/R out (RCA) x1 / Wired Remote in x1 Wired Remote out x1 LAN (RJ45) x1 (Control/ FW Upgrade) USB (Type A) x1 (Power 5V/1.5A) USB (Type Mini B) x1(FW download/ service) DC 12V Trigger (3.5mm Jack)x1 RS232 (DB-9pin) in x1 RS232 (DB-9pin) out x1 DVI-D x1 HDBaseT x1 (Control/Display) 3D Sync in x1 3D Sync out x1	LAN Port (RJ45 for Network control) x1 HDBaseT (4K, HDCP 2.2 for audio/ video, RS232, and IR remote control) x1 Wired Remote In x1 Audio out (mini jack) x1 Monitor out (D-sub 15pin,Female) x1 PC In (D-sub 15pin, Female) x1 HDMI 1 (4K, HDMI 2.0 & HDCP 2.2) x1 HDMI 2 (HDMI 1.4 & HDCP 1.4) x1 HDMI3 (HDMI 1.4 & HDCP 1.4) x1 HDMI Out x1 12V Trigger x1 USB Mini-B (Service) x1 USB Type-A (2A power)x1 RS232 In (D-sub 9pin, male) x1	LAN Port (RJ45 for Network control) x1 Wired Remote In x1 12V Trigger x1 HDBaseT (RJ45 for Video and Audio Display) x1 Monitor out (D-sub 15pin,Female) x1 Computer In-1 (D-sub 15pin, Female) x1 HDMI 1 (4K) x1 HDMI 2 x1 USB Mini-B (Service) x1 USB Type-A (2A power) x1 RS232 In (D-sub 9pin, male) x1
Compatibility					
Resolution Support	VGA(640 x 480) to WUXGA(1920 x 1200)			VGA(640x480) to 4K (3840x2160)	VGA(640x480) to 4K (3840x2160)
Horizontal Frequency	15~92KHz			15K ~102KHz	15K ~135KHz
Vertical Scan Rate	23~85KHz			23~120Hz	23~120Hz
HDTV/UHDTV Compatibility	480i, 480p, 576i, 567p, 720p, 1080i, 1080p	480i, 480p, 576i, 567p, 720p, 1080i, 1080p	480i, 480p, 576i, 567p, 720p, 1080i, 1080p	SDTV(480i/576i), EDTV (480p/576p, HDTV (720p, 1080i 60/50, 1080P 50/60/ 30/25/24, 3840x2160p 60/50/30/25/24)	480i, 480p, 576i, 567p, 720p, 1080i, 1080p
Video Compatibility	N/A			NTSC, PAL, SECAM	N/A
Power					
Power Consumptions(Typical)	1290W		850W	TBD	Max 745W/ Normal 655 W/ Eco 470 W
Standby Power consumption	Normal < 0.5Watts. Network < 6W.		Normal < 0.5Watts. Network < 6W.	Normal < 0.5Watts. Network < 2W.	Normal < 0.5W, Network <2W.
Power Supply	100~240V AC		100~240V AC	100~240V AC	100~240V AC
Dimension and Weight					
Product Dimensions(WxHxD)	500 x 211 x 583 mm		500 X 211 X 583 mm	525x216 x470 mm (with feet)	470.7x 224.9 x 564.7 mm
Product Weight	28kg		28kg (without lens)	24kg (without lens)	20.2 kg
Operation Condition					
Noise Level (Normal/Eco)	42/39 dBA		42/39 dBA	36/34dBA	37 /34 dBA
Operating Temperature	0~40°C		0~40°C	0~40°C	0~40°C
Accessories					
Accessories (Standard)	Power Cord Remote Control VGA cable(1.8m)	Wired Remote Cable Anti-Theft Screw Lens Hole Cap	Installation Guide Regulatory Statement	Installation Guide Power Cord Safety Guide Remote Control AA Batteryx2 VGA cable(1.8m)	Power Cord / Remote control (RCA011) Lens cover / AAA Batteryx2 Installation Guide / Regulatory Statement Warranty card(by sku) Cable Tie Setx2 / Rubber Cap
Accessories (Optional)	LS1S4 Ultra Short Throw(5JjCY37.001) LS1S3 Wide Fix(5JjJAM37.011) LS1S2 Ultra Wide (5JjJAM37.061) LS1S1 Wide Zoom(5JjJAM37.021) LS1SD Standard(5JjJAM37.001)	LS1LT1 Semi Long(5JjJAM37.051) LS1LT2 Long Zoom1 (5JjJAM37.031) LS1LT3 Long Zoom2(5JjJAM37.041) Ceiling Mount(CMG6)	Instashow WDC10' Ceiling Mount (CMG6) LS2ST3 Wide Fix (5JjJDH37.002) LS2ST1 Wide Zoom (5JjJDH37.011) LS2ST2 Short Throw(5AJJK37.001) LS2ST4 Semi Throw(5AJJK37.011) LS2SD2 Standard (5JjJEN37.001) LS2LT1 Semi Long (5JjJDH37.032) LS2LT2 Long Zoom (5JjJDH37.041)	Ceiling Mount CMG5 (5JjJFY10.001)	Ceiling Mount CMG5
OSD					
On Screen Display Language	English/ French/ German/Italian/ Japanese/ Korean/ Portuguese/ Russian/ Simplified Chinese/ Spanish/ Swedish/ Traditional Chinese (12 Languages)	English/ French/ German/Italian/ Japanese/ Korean/ Portuguese/ Russian/ Simplified Chinese/ Spanish/ Swedish/ Traditional Chinese (12 Languages)	Arabic/Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/ French/ German/ Greek/ Hindi/ Hungarian/ Italian/ Indonesian/ Japanese/ Korean/ Norwegian/ Polish/ Portuguese/ Romanian/ Russian/ Simplified Chinese/ Spanish/ Swedish/ Turkish/ Thai/ Traditional Chinese (28 Languages)	Arabic/ Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/ French/ German/ Greek/ Hindi/ Hungarian/ Italian/ Indonesian/ Japanese/ Korean/ Norwegian/ Persian/ Polish/ Portuguese/ Romanian/ Russian/ Simplified Chinese/ Spanish/ Swedish/ Turkish/ Thai/ Traditional Chinese/ Vietnam (30 languages)	Arabic/Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/ French/ German/ Greek/ Hindi/ Hungarian/ Italian/ Indonesian/ Japanese/ Korean/ Norwegian/ Polish/ Portuguese/ Romanian/ Russian/ Simplified Chinese/ Spanish/ Swedish/ Turkish/ Thai/ Traditional Chinese (28 Languages)

* LightSource life results will vary depending on environmental conditions and usage. Actual product's features and specifications are subject to change without notice. * All related Optical Value is measure by Standard Lens.

* The Contrast is measure by Full On Full Off standard.

Business Projector

    					
Models	LK952	LK953ST	LU951ST	LU950	LU710
Display					
Projection System	DLP Single 0.47" XPR 4K	DLP Single 0.47" XPR 4K	DLP Single 0.47" WUXGA	DLP Single 0.47" WUXGA	DLP Single 0.48" WUXGA
DMD type	DC3 DMD Chip	DC3 DMD Chip	DC3 DMD Chip	DC3 DMD Chip	DC3 DMD chip
Native Resolution	4K UHD (3840x2160)	4K UHD (3840x2160)	WUXGA(1920X1200)	WUXGA(1920X1200)	1920 x 1200 pixels
Brightness	5,000 ANSI Lumens	5,000 ANSI Lumens	5,000 ANSI Lumens	5,000 ANSI Lumens	4,000 ANSI Lumens
Contrast Ratio*	3,000,000:1	3,000,000:1	3,000,000:1	3,000,000:1	3,000,000:1
Display Color	30 Bits (1.07 Billion Colors)	30 Bits (1.07 Billion Colors)	30 Bits (1.07 Billion Colors)	30 Bits (1.07 Billion Colors)	1.07 Billion Colors
Aspect Ratio	Native 16:9 (5 aspect ratio selectable)	Native 16:9 (5 aspect ratio selectable)	Native 16:10 (5 aspect ratio selectable)	Native 16:10 (5 aspect ratio selectable)	Native 16:10 (5 aspect ratio selectable)
Light Source	Laser	Laser	Laser	Laser	Laser
Light Source Life*	20,000 hours	20,000 hours	20,000 hours	20,000 hours	20,000 hours
Optical					
Throw Ratio	1.36~2.18	0.81~0.88	0.81~0.88	1.36~2.18	1.13 ~ 1.46
Zoom Ratio	1.6x	1.1x	1.1x	1.6x	1.3x
Lens Control	Manual Zoom and Focus	Manual Zoom and Focus	Manual Zoom and Focus	Manual Zoom and Focus	Manual Focus
Lens Shift	Vertical: -60%~+60% Horizontal: -23%~+23%	Vertical: -60%~+60% Horizontal: -23%~+23%	Vertical: -60%~+60% Horizontal: -23%~+23%	Vertical: -60%~+60% Horizontal: -23%~+23%	N/A
Keystone Correction	1D, Vertical ± 30°	Vertical ± 30°	Vertical ± 30°/ Horizontal: ± 30°	2D, Vertical ± 30°/ Horizontal: ± 30°	2D, Vertical ± 30°/ Horizontal: ± 30°
Projection Offset**	0%	0%	0%	0%	100%
Projection Size(Diagonal)	30"~300"	30"~300"	30"~300"	30"~300"	30"~300"
Audio					
Built-in Speaker	10W	10W	10W	10W	10W x 2
Special Feature					
Security	Security Bar, Kensington anti-theft lock slot	Security Bar, Kensington anti-theft lock slot	Security Bar, Kensington Lock	Security Bar, Kensington anti-theft lock slot	Security Bar, Kensington anti-theft lock slot
Feature	HDR, Projector, Remote Control ID Setting, Auto High Altitude Mode, HDBaseT, LAN Control, 360°Projection, IP6X Dust Proof Engine, Liquid Cooling System	HDR10, Projector/ Remote Control ID Setting, Auto High Altitude Mode, HDBaseT, LAN Control, 360° Projection, Dust-Proof Filter	Digital Shrink and Shift, Image Memory, Projector/ Remote Control ID Setting, Auto High Altitude Mode, HDBaseT, LAN Control, 360°Projection, Dust-proof Filter	Digital Shrink and Shift, Image Memory, Projector/ Remote Control ID Setting, Auto High Altitude Mode, HDBaseT, LAN Control, 360°Projection, Dust-Proof Filter	Digital Shrink and Shift, 360°Projection, LumiExpert, LAN Control(AMX/ PJ Link/Crestron), MDA/MS Local Compatibility, FW upgrade via LAN
Connectivity					
I/O Port	Wired Remote In x1 RS232 In (D-sub 9pin, male) x1 USB Mini-B(Service) x1 USB TypeA(SV/2A power) x1 LAN Port (RJ45 for Network control) x1 HDBaseT x1 HDMI In (HDCP2.2) x1 HDMI In x2 HDMI Out x1 PC In x1 Monitor out (D-sub 15pin,Female) x1 Audio in(mini jack) x1 Audio out (mini jack) x1 12V Trigger x1 IR Receiver(Front) x1 IR Receiver(Rear) x1	Wired Remote In x1 RS232 In (D-sub 9pin, male) x1 USB Mini-B(Service) x1 USB TypeA(SV/2A power) x1 LAN Port (RJ45 for Network control) x1 HDBaseT x1 HDMI In (HDCP2.2) x1 HDMI In x2 HDMI Out x1 PC In x1 Monitor out (D-sub 15pin,Female) x1 Audio in(mini jack) x1 Audio out (mini jack) x1 12V Trigger x1 IR Receiver(Front) x1 IR Receiver(Rear) x1	Computer In (D-sub 15pin, Female) x1 Monitor out (D-sub 15pin,Female) x1 HDMI x3 HDMI Out x1 HDBaseT (RJ45 for Video and Audio Display) x1 S-Video in x1 Composite Video(RCA) x1 USB TypeA(SV/2A power) x1 USB Mini-B(Service) x1 Audio in (mini jack) x1 Audio out (mini jack) x1 12V Trigger x1 RCA Audio in-L/R x1 LAN Port (RJ45 for Network control) x1 RS232 In (D-sub 9pin, male) x1 Wired Remote In x1 IR Receiver(Front) x1 IR Receiver(Rear) x1	Computer In (D-sub 15pin, Female) x1 Monitor out (D-sub 15pin,Female) x1 HDMI x3 HDMI Out x1 HDBaseT (RJ45 for Video and Audio Display) x1 S-Video in x1 Composite Video(RCA) x1 USB TypeA(SV/2A power) x1 USB Mini-B(Service) x1 Audio in (mini jack) x1 Audio out (mini jack) x1 12V Trigger x1 RCA Audio in-L/R x1 LAN Port (RJ45 for Network control) x1 RS232 In (D-sub 9pin, male) x1 Wired Remote In x1 IR Receiver(Front) x1 IR Receiver(Rear) x1	HDMI (1.4a) x2 PC (D-sub 15pin) x1 Monitor out (D-sub 15pin,Female) x1 Audio out (mini jack) x1 RS232 In (D-sub 9pin, male) x1 LAN Port (RJ45 for Network) x1 USB TypeA-2 (SV,1.5A, Service) x1 Component Video in x1 Composite Video in (RCA) x1 12V Trigger x1 RCA Audio in-L/R x1 LAN Port (RJ45 for Network control) x1 RS232 In (D-sub 9pin, male) x1 12V Trigger x1 IR Receiver(Front+top) x2
Compatibility					
Resolution Support	VGA(640x480) to WUXGA(1920x1200)	VGA(640x480) to WUXGA(3840x2160)	VGA(640x480) to WUXGA_RB (1920x1200)*RB-Reduced Blanking*	VGA(640x480) to WUXGA_RB (1920x1200)*RB-Reduced Blanking*	VGA (640x480) to WUXGA_RB (1920x1200)
Horizontal Frequency	15~92KHz	15~92KHz	15~92KHz	15~92KHz	15~102 KHz
Vertical Scan Rate	23~85KHz	23~85KHz	23~85KHz	23~85KHz	23~120 KHz
HDTV/UHDTV Compatibility	480i, 480p, 576i, 567p, 720p, 1080i, 1080p	480i, 480p, 576i, 567p, 720p, 1080i, 1080p	480i, 480p, 576i, 567p, 720p, 1080i, 1080p	480i, 480p, 576i, 567p, 720p, 1080i, 1080p	480i, 480p, 576i, 567p, 720p, 1080i, 1080p
Video Compatibility	N/A	N/A	NTSC, PAL, SECAM	NTSC, PAL, SECAM	NTSC, PAL, SECAM
Power					
Power Consumptions(Typical)	1290W	585W	475W / 365W	475W	Normal 392W / Eco 320W
Standby Power consumption	Normal < 0.5Watts. Network < 6W.	Normal < 0.5Watts. Network < 2W.	Normal < 0.5Watts. Network < 2W.	< 0.5W	Normal < 0.5 Watts, Network < 2W.
Power Supply	100~240V AC	100~240V AC	100~240V AC	100~240V AC	100~240V AC
Dimension and Weight					
Product Dimensions(WxHxD)	490.0x159.0 x 380.0mm	490.0 x 159.0 x 380.0 mm	490.0 x 159.0 x 380.0 mm	490.0 x 159.0 x 380.0 mm	416 x 166 x 312 mm
Product Weight	10.1 kg	10 kg	9.4 kg	9.4 kg	6.3 kg
Operation Condition					
Noise Level (Normal/Eco)	42/39 dBA	40/38 dBA	37/35 dBA	37/35 dBA	34/29 dB
Operating Temperature	0~40°C	0~40°C	0~40°C	0~40°C	0~40°C
Accessories					
Accessories (Standard)	Power Cord Remote control (RCA011) Lens cover / AAAA Batteryx2 Installation Guide/Regulatory Statement(Combined) Warranty card(by sku) Cable Tie Setx2, Rubber Cap	Power Cord Remote control (RCA011) Lens cover / AAAA Batteryx2 Installation Guide/Regulatory Statement(Combined) Warranty card(by sku) Anti-dust Filter	Power Cord Remote control (RCA011) Lens cover / AAAA Batteryx2 Installation Guide/Regulatory Statement(Combined) Warranty card(by sku) Anti-dust Filter	Power Cord Remote control (RCA011) Lens cover / AAAA Batteryx2 Installation Guide/Regulatory Statement(Combined) Warranty card(by sku) Anti-dust Filter	Power Cord (by region) Remote Control w/ Battery (RCE016) HDMI cable Warranty Card (by region) QSG
Accessories (Optional)	Ceiling Mount (SJFY10.001)	Ceiling Mount (CMG3) InstaShow™	Ceiling mount (CMG3) 3D glasses / InstaShow™	Ceiling mount (CMG3) 3D glasses / InstaShow™	3D Glasses (SJJ9H25.002) Ceiling mount (CMG3) / InstaShow™ Qcast Mirror / Qcast
OSD					
On Screen Display Language	Arabic/ Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/ French/ German/ Greek/ Hindi/ Hungarian/ Italian/ Indonesian/ Japanese/ Korean/ Norwegian /Persian/ Polish/ Portuguese/ Romanian/ Russian/ Simplified Chinese/ Spanish/ Swedish/ Turkish/ Thai/ Traditional Chinese/ Vietnam (30 languages)				

* LightSource life results will vary depending on environmental conditions and usage. Actual product's features and specifications are subject to change without notice.

* All related Optical Value is measure by Standard Lens. * The Contrast is measure by Full On Full Off standard.

Business Projector

    					
Models	LH720	LH890UST	LW820ST	MW826ST	DX808ST
Display					
Projection System	DLP Single 0.65" 1080P	DLP Single 0.65" Full HD	DLP Single 0.65" WXGA	DLP Single 0.65" WXGA	DLP Single 0.55" XGA
DMD type	DC3 DMD Chip	DC3 DMD Chip	DC3 DMD Chip	DC3 DMD Chip	DC3 DMD chip
Native Resolution	1080P (1920x1080)	1920x1080 pixels	1280x800 pixels	1280x800 pixels	1024 x 768 pixels
Brightness	4,000 ANSI Lumens	4,000 ANSI Lumens	3,500 ANSI Lumens	3,400 ANSI Lumens	3,000 ANSI Lumens
Contrast Ratio*	3,000,000:1	3,000,000:1	3,000,000:1	20,000:1	20,000:1
Display Color	30 Bits (1.07 Billion Colors)	30 Bits (1.07 Billion Colors)	30 Bits (1.07 Billion Colors)	1.07 Billion Colors	1.07 Billion Colors
Aspect Ratio	Native 16:9 (5 aspect ratio selectable)	Native 16:9 (5 aspect ratio selectable)	Native 16:10 (5 aspect ratio selectable)	Native 16:10 (5 aspect ratio selectable)	Native 4:3 (5 aspect ratio selectable)
Light Source	Laser	Laser	Laser	Lamp (200W)	Lamp (200W)
Light Source Life*	20,000 hours	20,000 hours	20,000 hours	5000/10000/10000/15000 hours (Normal/Eco/SmartEco mode/Lampsave)	
Optical					
Throw Ratio	1.38~2.13	0.23	0.52	0.49	0.61
Zoom Ratio	1.5x	Fixed	Fixed	Fixed	Fixed
Lens Control	Manual	F/# = 2.4, f = 3.35 mm	F/# = 2.19, f = 7.46 mm	Manual Focus	Manual Focus
Lens Shift	Vertical: 116% +14%	N/A	N/A	N/A	N/A
Keystone Correction	2D, Vertical ± 30°/ Horizontal: ± 30°	2D, Vertical ± 30°/ Horizontal: ± 30°	1D, Vertical ± 30°	1D, Vertical ± 30°	1D, Vertical ± 30°
Projection Offset**	116%	119%	106.1 +/- 2.5%	105%	115%
Projection Size(Diagonal)	30"~300"	81"~121"	60"~120"	60"~120"	60"~120"
Audio					
Built-in Speaker	10W	10W	10W	10W	N/A
Special Feature					
Security	Security Bar, Kensington anti-theft lock slot	Kensington anti-theft lock slot	Security Bar, Kensington anti-theft lock slot		
Feature	Blank for True Black, 2D Keystone, Corner fit, Custom lightsource mode (brightness adjustment), Constant Brightness Mode, Infographic and Vivid mode, Dust Proof Engine	2D Keystone, Corner Fit, Digital zoom(2x), Digital Shrink(0.75x), LAN Control, AMX/ PJ Link/Crestron/ MDA Compatibility, Optional Wireless Display, Optional Interactive module (PW40U) compatibility, Optional Dust Filter	Blank for True Black, Digital zoom(2x), Digital Shrink(0.75x), LAN Control, AMX/ PJ Link/Crestron/Extron IPL Compatible, MDA Compatibility, Optional Wireless Display, Optional Interactive module (PW02, PT12) compatibility, Optional Dust Filter	Security Bar, Kensington Lock	Security Bar, Kensington Lock
Connectivity					
I/O Port	PC In (D-sub 15pin) x1 Monitor out(D-sub 15pin) x1 HDMI x2 / MHL x1 Composite Video in(RCA) x1 S-Video in (Mini Din 4pin) x1 Audio in (3.5mm mini jack) x1 Audio L/R in (RCA) x1 Audio out (3.5mm mini jack) x1 Microphone in (mini jack) x1 LAN(RJ45) x1 USB Type A-1 (2.0/Power Supply 1.5A) x1 DC 12V Trigger (3.5mm jack) x1 USB Type B-1(Service/ Page up&down) x1 RS232 (DB-9pin) x1 IR Receiver x2 (Front / Top)	HDMI-1 x1 HDMI-2/MHL x1 PC (D-sub 15pin) x1 Monitor out (D-sub 15pin,Female) x1 Composite Video in (RCA) x1 S-Video in x1 Audio in (mini jack) x1 Audio L/R in (RCA) x1 Audio out (mini jack) x1 LAN Port(RJ45 for Network) x1 RS232 In (D-sub 9pin, male)x1 USB TypeA (SV,1.5A) x1 USB Type mini B (For service) x1 USB Type mini B (For PointWrite module) X1	HDMI-1 x1 HDMI-2/MHL x1 PC (D-sub 15pin) x1 Monitor out (D-sub 15pin,Female) x1 Composite Video in (RCA) x1 S-Video in x1 Audio in (mini jack) x1 Audio L/R in (RCA) x1 Audio out (mini jack) x1 LAN Port(RJ45 for Network) x1 RS232 In (D-sub 9pin, male)x1 USB TypeA (SV,1.5A) x1 USB Type mini B (For service) x1 USB (type mini B) x1 IR Receiver(Front/Top) X2	HDMI x2 (HDMI-2 share with MHL) PC In (D-sub 15pin) x2 (share with component video) Monitor Out (D-sub 15pin) x1 RS232 (DB-9pin) x1 S-Video In x1 Audio In (mini jack) x2 Audio L/R In (RCA) x1 Audio Out (mini jack) x1 LAN RJ45 x1 (LAN control) RS232 (DB-9pin) x1 USB (type A) x1 (power only 5V/1.5A) USB (type mini B) x1 IR Receiver x2 (front, top)	HDMI x1 PC In (D-sub 15pin) x2 (share with component video) Monitor Out (D-sub 15pin) x1 RS232 (DB-9pin) x1 USB (type A) x1 (power only 5V/1.5A) USB (type mini B) x1 IR Receiver x2 (front, top)
Compatibility					
Resolution Support	VGA(640x480) to WUXGA_RB (1920x1200) *RB-Reduced Blanking*				
Horizontal Frequency	15~102KHz	15~102KHz	15~102KHz	15~102KHz	15~102 KHz
Vertical Scan Rate	23~120KHz	23~120KHz	23~120KHz	23~120 KHz	23~120 Hz
HDTV/UHDTV Compatibility	480i, 480p, 576i, 567p, 720p, 1080i, 1080p	480i, 480p, 576i, 567p, 720p, 1080i, 1080p	480i, 480p, 576i, 567p, 720p, 1080i, 1080p	480i, 480p, 576i, 567p, 720p, 1080i, 1080p	480i, 480p, 576i, 567p, 720p, 1080i, 1080p
Video Compatibility	NTSC, PAL, SECAM	NTSC, PAL, SECAM	NTSC, PAL, SECAM	NTSC, PAL, SECAM	N/A
Power					
Power Consumptions(Typical)	300W	358W	283W	260W	280W
Standby Power consumption	< 0.5W	Normal < 0.5Watts. Network < 2W.	Normal < 0.5Watts. Network < 2W.	< 0.5W	< 0.5W.
Power Supply	100~240V AC, 50/6Hz	100~240V AC	100~240V AC	100~240V AC	100~240V AC
Dimension and Weight					
Product Dimensions(WxHxD)	410 x 158 x 272 mm	502.1x 164.5 x 399.3 mm	410 x 158 x 272 mm	296 x 120 x 239 mm	320 x 120 x 239 mm
Product Weight	5.6 kg	9.06 kg	5.6 kg	2.6 kg	2.7 kg
Operation Condition					
Noise Level (Normal/Eco)	33/29 dBA	35/32 dBA (without dust filter) 37/34 dBA (with dust filter)	35/32 dBA (without dust filter) 37/34 dBA (with dust filter)	33/29 dBA	36/32 dB
Operating Temperature	0~40°C	0~40°C	0~40°C	0~40°C	0~40°C
Accessories					
Accessories (Standard)	Remote control w / Battery (RCE015) Power Cord (by region) VGA (D-sub 15pin) Cable x1 Warranty Card (by region) User Manual CD x1 Quick Start Guide x1	Power Cord (by region) Remote Control (RCA022) VGA (D-sub 15pin) Cable User Manual CD / Quick Start Guide Warranty Card (by region) Wall mount (WM03G6)	Power Cord (by region) Remote Control (RCA015) VGA (D-sub 15pin) Cable User Manual CD / Quick Start Guide Warranty Card (by region)	Remote Control w/ Battery RCE013 x1 Power Cord (by region) x1 Quick Start Guide x1 User Manual CD x1 Warranty Card (by region) x1	Remote Control w/ Battery RCE013 x1 Power Cord (by region) x1 Quick Start Guide x1 User Manual CD x1 Warranty Card (by region) x1 Dust filter (assembled) x1
Accessories (Optional)	3D Glasses (SJJ9H25.002) Wireless Dongle - WDRT8192 USB Dongle/ SJJ3F28.X01) Wireless Dongle - QCast Mirror QP20 (SAJH328.10X) Wireless Dongle - QCast QP01 (SJJCK28.X01) Ceiling mount Anti-Dust Filter (FTFS01)	3D Glasses (SJJ9H25.002) PointWrite Kit: PW40U (SAJJR26.10E) Wireless Dongle: QCast Mirror (SAJH328.10X) Wireless Dongle: QCast, QCast (SJJCK28.X01) / InstaShow™ (WDC10) 3mm Dust Filter (FTFS02)	3D Glasses (SJJ9H25.002) PointWrite Kit: PW02 (SJJ9AR26.12E) Wireless Dongle: QCast Mirror (SAJH328.10X) /Wireless Dongle: QCast, QCast(SJJCK28.X01) 3mm Dust Filter (FTFS01) Wall mount (WM06G3)''	Spare Lamp Kit (SJJGE05.001) Dust Filter (SJJGV14.001) 3D Glasses DGD5 (SJJ9H25.002) Document Camera (S30 9HJ9L78.T3E) PointWrite Kit PW02 (SJJ9A26.12E) PointWrite Touch Module PT12 (SJJ8L261.3E) Wall Mount (SJJ4R10.011)	Spare Lamp Kit (SJJGE05.001) Spare Filter 3D Glasses DGD5 (SJJ9H25.002) Document Camera (S30 9HJ9L78.T3E) PointWrite Kit PW02 (SJJ9A26.12E) PointWrite Touch Module PT12 (SJJ8L261.3E) Wall Mount (SJJ4R10.011)
OSD					
On Screen Display Language	Arabic/Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/ French/ German/ Greek/ Hindi/ Hungarian/ Italian/ Indonesian/ Japanese/ Korean/ Norwegian /Persian/ Polish/ Portuguese/ Romanian/ Russian/ Simplified Chinese/ Spanish/ Swedish/ Turkish/ Thai/ Traditional Chinese/ Vietnam (30 Languages)		Arabic/ Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/ French/ German/ Greek/ Hindi/ Hungarian/ Italian/ Indonesian/ Japanese/ Korean/ Norwegian /Persian/ Polish/ Portuguese/ Romanian/ Russian/ Simplified Chinese/ Swedish/ Turkish/ Thai/ Traditional Chinese/ Vietnam (30 languages)		

* LightSource life results will vary depending on environmental conditions and usage. Actual product's features and specifications are subject to change without notice.

* All related Optical Value is measure by Standard Lens. * The Contrast is measure by Full On Full Off standard.

Business Projector

					
Models	MH733	MH550	MW550	MX550	MS550
Display					
Projection System	DLP Single 0.65" 1080P	DLP Single 0.65" 1080P	DLP Single 0.65" WXGA	DLP Single 0.55" XGA	DLP Single 0.55" SVGA
DMD type	DC3 DMD Chip	DC3 DMD Chip	DC3 DMD Chip	DC3 DMD Chip	DC3 DMD chip
Native Resolution	1080P (1920x1080)	1920x1080 pixels	1280x800 pixels	1024x768 pixels	800 x 600 pixels
Brightness	4,000 ANSI Lumens	3,500 ANSI Lumens	3,600 ANSI Lumens	3,600 ANSI Lumens	4,000 ANSI Lumens
Contrast Ratio*	16,000:1	20,000:1	20,000:1	20,000:1	20,000:1
Display Color	30 Bits (1.07 Billion Colors)	1.07 Billion Colors	1.07 Billion Colors	1.07 Billion Colors	1.07 Billion Colors
Aspect Ratio	1.6:9	Native 16:9 (5 aspect ratio selectable)	Native 16:10 (5 aspect ratio selectable)	Native 4:3 (5 aspect ratio selectable)	Native 4:3 (5 aspect ratio selectable)
Light Source	Lamp	Lamp	Lamp	Lamp	Lamp
Light Source Life*	Economic 8000 hrs/ LampSave 15000 hrs Normal 4000 hrs/ SmartEco 8000 hrs	5000/10000/10000/15000 hours (Normal/Eco/SmartEco/Lamp save Mode)	5000/10000/10000/15000 hours (Normal/Eco/SmartEco/Lamp save Mode)	5000/10000/10000/15000 hours (Normal/Eco/SmartEco/Lamp save Mode)	5000/10000/10000/15000 hours (Normal/Eco/SmartEco/Lamp save Mode)
Optical					
Throw Ratio	1.15~1.5	1.49~1.64	1.55~1.7	1.96~2.15	1.96~2.15
Zoom Ratio	1.3x	1.1x	1.1x	1.1x	1.1x
Lens Shift	N/A	N/A	N/A	N/A	N/A
Keystone Correction	2D, Vertical ± 30°/ Horizontal: ± 20°	Vertical ± 40°	Vertical ± 40°	Vertical ± 40°	Vertical ± 40°
Projection Offset**	115%	110% ± 2.5%	110% ± 2.5%	110% ± 2.5%	110% ± 2.5%
Projection Size(Diagonal)	30"~300"	30"~300"	30"~300"	30"~300"	30"~300"
Audio					
Built-in Speaker	10W	2W	2W	2W	2W
Special Feature					
Security	Security Bar, Kensington anti-theft lock slot	Security Bar, Kensington lock slot	Security Bar, Kensington lock slot	Security Bar, Kensington Lock	Security Bar, Kensington Lock
Connectivity					
I/O Port	PC In (D-sub 15pin) x1 Monitor out(D-sub 15pin) x1 HDMI x2 / MHL x1 / Audio in (3.5mm mini jack) x1 / Audio out (3.5mm mini jack) x1 / LAN(RJ45) x1 Microphone in (mini jack) x1 USB Type A-1 (2.0/Power Supply 1.0A/Reader) x1 / USB Type A-2(2.0/ Power Supply 1.0A/Wireless Dongle) x1 USB Type Mini B-1 (Service/ Page up& down) x1 / USB Type B-1 (Service/ Page up&down) x1 RS232 (DB-9pin) x1 IR Receiver x2 (Front / Top)	HDMI-1 x1 HDMI-2 x2 USB Type mini B (For Page up/down and FW upgrade) x1 Composite in (D-sub 15pin,Female) x1 Monitor out (D-sub 15pin,Female) x1 RS232 In (D-sub 9pin, male)x1 Composite Video (RCA) x1 S-Video in x1 Audio in(mini jack) x1 Audio out (mini jack) x1 IR Receiver(Front / Rear) X2	HDMI-1 x1 HDMI-2 x2 USB Type mini B (For Page up/down and FW upgrade) x1 Composite in (D-sub 15pin,Female) x1 Monitor out (D-sub 15pin,Female) x1 RS232 In (D-sub 9pin, male)x1 Composite Video (RCA) x1 S-Video in x1 Audio in(mini jack) x1 Audio out (mini jack) x1 IR Receiver(Front / Rear) X2	HDMI-1 x1 HDMI-2 x2 USB Type mini B (For Page up/down and FW upgrade) x1 Composite in (D-sub 15pin,Female) x1 Monitor out (D-sub 15pin,Female) x1 RS232 In (D-sub 9pin, male)x1 Composite Video (RCA) x1 S-Video in x1 Audio in(mini jack) x1 Audio out (mini jack) x1 IR Receiver(Front / Rear) X2	HDMI-1 x1 HDMI-2 x1 USB TypeA (1.5A power) x1 USB Type min B (For FW upgrade) x1 Computer In (D-sub 15pin, Female) x1 Monitor out (D-sub 15pin, Female) x1 RS232 In (D-sub 9pin, male) x1 Composite Video (RCA) x1 S-Video x1 Audio in (mini jack) x1 Audio out (mini jack) x1 IR Receiver (Front+Top) x2 Kensington anti-theft lock slot x1
Compatibility					
Resolution Support	VGA(640x480) to WUXGA_RB (1920x1200) *RB-Reduced Blanking*				
Horizontal Frequency	15~102KHz	15~102KHz	15~102KHz	15~102KHz	15~102KHz
Vertical Scan Rate	23~120KHz	23~120KHz	23~120KHz	23~120KHz	23~120KHz
HDTV/UHDTV Compatibility	480i, 480p, 576i, 567p, 720p, 1080i, 1080p	480i, 480p, 576i, 567p, 720p, 1080i, 1080p	480i, 480p, 576i, 567p, 720p, 1080i, 1080p	480i, 480p, 576i, 567p, 720p, 1080i, 1080p	480i, 480p, 576i, 567p, 720p, 1080i, 1080p
Video Compatibility	NTSC, PAL, SECAM	NTSC, PAL, SECAM	NTSC, PAL, SECAM	NTSC, PAL, SECAM	NTSC, PAL, SECAM
Power					
Power Consumptions(Typical)	320W	270W	270W	270W	270W
Standby Power consumption	< 0.5W	< 0.5W	< 0.5W	< 0.5W	< 0.5W
Power Supply	100~240V AC, 50/6Hz	100~240V AC	100~240V AC	100~240V AC	100~240V AC
Dimension and Weight					
Product Dimensions(WxHxD)	296 x 120 x 221 mm	296 x 120 x 221 mm	296 x 120 x 221 mm	296 x 120 x 221 mm	296 x 120 x 221 mm
Product Weight	2.5 kg	2.3 kg	2.3 kg	2.3 kg	2.3 kg
Operation Condition					
Noise Level (Normal/Eco)	33/29 dBA	33/29 dBA	33/29 dBA	33/29 dBA	33/29 dBA
Operating Temperature	0~40°C	0~40°C	0~40°C	0~40°C	0~40°C
Accessories					
Accessories (Standard)	Remote control w/ Battery (RCE013) Power Cord (by region) VGA (D-sub 15pin) Cable x1 Warranty Card (by region) User Manual CD x1 Quick Start Guide x1	Remote Control (5JJGV06.001) AAA battery x2 Power Cord (by region) VGA Cable Warranty Card (by region) QSG(4JJHY01.001)	Remote Control (5JJGV06.001) AAA battery x2 Power Cord (by region) VGA Cable Warranty Card (by region) QSG(4JJHY01.001)	Remote Control (5JJGV06.001) AAA battery x2 Power Cord (by region) VGA Cable Warranty Card (by region) QSG(4JJHY01.001)	Remote Control (5JJGV06.001) AAA battery x2 Power Cord (by region) VGA Cable Warranty Card (by region) QSG(4JJHY01.001)
Accessories (Optional)	Spare Lamp Kit (5JJGE05.001) 3D Glasses DGD5 (5JJ9H25.002) Wireless Dongle-WDRT8192 USB Dongle(5JJ3F28.X0.1) Wireless Dongle-QCast Mirror QP20 (5AJH328.10X) Wireless Dongle-QCast QP01 (5JJCK28.x01) Carry Bag (Q5I) / Ceiling mount	Spare Lamp Kit(5JJJH05.001) 3D Glasses (5JJ9H25.002) Ceiling mount	Spare Lamp Kit(5JJJH05.001) 3D Glasses (5JJ9H25.002) Ceiling mount	Spare Lamp Kit(5JJJH05.001) 3D Glasses (5JJ9H25.002) Ceiling mount	Spare Lamp Kit(5JJJH05.001) 3D Glasses (5JJ9H25.002) Ceiling mount
OSD					
On Screen Display Language	Arabic/ Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/ French/ German/ Greek/ Hindi/ Hungarian/ Italian/ Indonesian/ Japanese/ Korean/ Norwegian /Persian/ Polish/ Portuguese/ Romanian/ Russian/ Simplified Chinese/ Spanish/ Swedish/ Turkish/ Thai/ Traditional Chinese/ Vietnam (30 languages)				

* LightSource life results will vary depending on environmental conditions and usage. Actual product's features and specifications are subject to change without notice.
* All related Optical Value is measure by Standard Lens. * The Contrast is measure by Full On Full Off standard.

Business Projector

				
Models	MH560	MW560	MX560	MS560
Display				
Projection System	DLP Single	DLP Single	DLP Single	DLP Single
DMD type	0.65" 1080P	0.65" 1080P	0.55" XGA	0.55" SVGA
Native Resolution	1920 x 1080 pixels	1280 x 800 pixels	1024 x 768 pixels	800 x 600 pixels
Brightness	3,800 ANSI Lumens	4,000 ANSI Lumens	4,000 ANSI Lumens	4,000 ANSI Lumens
Contrast Ratio*	20,000:1	20,000:1	20,000:1	20,000:1
Display Color	30 Bits (1.07 Billion Colors)	30 Bits (1.07 Billion Colors)	30 Bits (1.07 Billion Colors)	30 Bits (1.07 Billion Colors)
Aspect Ratio	Native 16:9 (5 aspect ratio selectable)	Native 16:9 (5 aspect ratio selectable)	Native 4:3 (5 aspect ratio selectable)	Native 4:3 (5 aspect ratio selectable)
Light Source	Lamp	Lamp	Lamp	Lamp
Light Source Life*	Normal 6000 hrs / Economic 10000 hrs / SmartEco 10000 hrs / LampSave 15000hrs	Normal 6000 hrs / Economic 10000 hrs / SmartEco 10000 hrs / LampSave 15000hrs	Normal 6000 hrs / Economic 10000 hrs / SmartEco 10000 hrs / LampSave 15000hrs	Normal 6000 hrs / Economic 10000 hrs / SmartEco 10000 hrs / LampSave 15000hrs
Optical				
Throw Ratio	1.49~1.64	1.55~1.7 (87" ±3% @ 2.9m)	1.96~2.15	1.96~2.15
Zoom Ratio	1.1x	1.1x	1.1x	1.1x
Lens Shift	N/A	N/A	N/A	N/A
Keystone Correction	Auto ID, Vertical ±40°	Auto ID, Vertical ±40°	Auto ID, Vertical ±40°	Auto ID, Vertical ±40°
Projection Offset**	110%	100%±2.5%	110%	110%
Projection Size(Diagonal)	70"~150"	60"~150"	60"~150"	60"~150"
Audio				
Built-in Speaker	10W x1	10W x1	10W x1	10W x1
Special Feature				
Security	Security Bar, Kensington lock	Security Bar, Kensington lock	Security Bar, Kensington lock	Security Bar, Kensington lock
Feature	ID Auto Keystone, High Brightness, Spreadsheet mode, Bright Mode, Presentation Mode, Infographic Mode, Video Mode, Srgb Mode	ID Auto Keystone, High Brightness, Spreadsheet mode, Bright Mode, Presentation Mode, Infographic Mode, Video Mode, Srgb Mode	ID Auto Keystone, High Brightness, Spreadsheet mode, Bright Mode, Presentation Mode, Infographic Mode, Video Mode, Srgb Mode	ID Auto Keystone, High Brightness, Spreadsheet mode, Bright Mode, Presentation Mode, Infographic Mode, Video Mode, Srgb Mode
Connectivity				
I/O Port	HDMI-1 x1 HDMI-2 x1 USB TypeA (1.5A power) x1 USB Type min B (For FW upgrade) x1 Computer In (D-sub 15pin, Female) x1 Monitor out (D-sub 15pin, Female) x1 RS232 In (D-sub 9pin, male) x1 Composite Video (RCA) x1 S-Video in x1 Audio in (mini jack) x1 Audio out (mini jack) x1 IR Receiver (Front+Top) x2 Kensington anti-theft lock slot x1	HDMI-1 x1 HDMI-2 x1 USB TypeA (1.5A power) x1 USB Type min B (For FW upgrade) x1 Computer In (D-sub 15pin, Female) x1 Monitor out (D-sub 15pin, Female) x1 RS232 In (D-sub 9pin, male) x1 Composite Video (RCA) x1 S-Video x1 Audio in (mini jack) x1 Audio out (mini jack) x1 IR Receiver (Front+Top) x2 Kensington anti-theft lock slot x1	HDMI-1 x1 HDMI-2 x1 USB TypeA (1.5A power) x1 USB Type min B (For FW upgrade) x1 Computer In (D-sub 15pin, Female) x1 Monitor out (D-sub 15pin, Female) x1 RS232 In (D-sub 9pin, male) x1 Composite Video (RCA) x1 S-Video x1 Audio in (mini jack) x1 Audio out (mini jack) x1 IR Receiver (Front+Top) x2 Kensington anti-theft lock slot x1	HDMI-1 x1 HDMI-2 x1 USB TypeA (1.5A power) x1 USB Type min B (For FW upgrade) x1 Computer In (D-sub 15pin, Female) x1 Monitor out (D-sub 15pin, Female) x1 RS232 In (D-sub 9pin, male) x1 Composite Video (RCA) x1 S-Video x1 Audio in (mini jack) x1 Audio out (mini jack) x1 IR Receiver (Front+Top) x2 Kensington anti-theft lock slot x1
Compatibility				
Resolution Support	VGA(640x480) to WUXGA_RB(1920x1200)	VGA(640x480) to WUXGA_RB(1920x1200)	VGA(640x480) to WUXGA_RB(1920x1200)	VGA(640x480) to WUXGA_RB(1920x1200)
Horizontal Frequency	15~102KHz	15~102KHz	15~102KHz	15~102KHz
Vertical Scan Rate	23~120KHz	23~120KHz	23~120KHz	23~120KHz
HDTV/UHDTV Compatibility	480i, 480p, 576i, 567p, 720p, 1080i, 1080p	480i, 480p, 576i, 567p, 720p, 1080i, 1080p	480i, 480p, 576i, 567p, 720p, 1080i, 1080p	480i, 480p, 576i, 567p, 720p, 1080i, 1080p
Video Compatibility	NTSC, PAL, SECAM, SDTV(480i/576i), EDTV (480p/576p, HDTV (720p, 1080i/p 60Hz)	NTSC, PAL, SECAM, SDTV(480i/576i), EDTV (480p/576p, HDTV (720p, 1080i/p 60Hz)	NTSC, PAL, SECAM, SDTV(480i/576i), EDTV (480p/576p, HDTV (720p, 1080i/p 60Hz)	NTSC, PAL, SECAM, SDTV(480i/576i), EDTV (480p/576p, HDTV (720p, 1080i/p 60Hz)
Power				
Power Consumptions(Typical)	Max 280W, Normal 260W, Eco 215W	Max 280W, Normal 260W, Eco 215W	Max 280W, Normal 260W, Eco 215W	Max 280W, Normal 260W, Eco 215W
Standby Power consumption	Normal < 0.5W	Normal < 0.5W	Normal < 0.5W	Normal < 0.5W
Power Supply	100~240V AC	100~240V AC	100~240V AC	100~240V AC
Dimension and Weight				
Product Dimensions(WxHxD)	296 x 120 x 221 mm	296 x 120 x 221 mm	296 x 120 x 221 mm	296 x 120 x 221 mm
Product Weight	2.3kg +/- 200g	2.3kg +/- 200g	2.3kg +/- 200g	2.3kg +/- 200g
Operation Condition				
Noise Level (Normal/Eco)	34/29 dBA	34/29 dBA	34/29 dBA	34/29 dBA
Operating Temperature	0~40°C	0~40°C	0~40°C	0~40°C
Accessories				
Accessories (Standard)	QSG (4JJND01.001) Remote Control (5JJND06.001) AAA Battery x2 VGA cable (1.5m) Power Cord (1.8m) Warranty card (By Region)	QSG (4JJND01.001) Remote Control (5JJND06.001) AAA Battery x2 VGA cable (1.5m) Power Cord (1.8m) Warranty card (By Region)	QSG (4JJND01.001) Remote Control (5JJND06.001) AAA Battery x2 VGA cable (1.5m) Power Cord (1.8m) Warranty card (By Region)	QSG (4JJND01.001) Remote Control (5JJND06.001) AAA Battery x2 VGA cable (1.5m) Power Cord (1.8m) Warranty card (By Region)
Accessories (Optional)	Spare Lamp Kit (5JJND05.001) 3D Glasses (5JJ9H25.002) Ceiling mount Qcast Mirror (5AJH328.10X) WDC10i/ WDC10C/WDC20/WDC20C	Spare Lamp Kit (5JJND05.001) 3D Glasses (5JJ9H25.002) Ceiling mount Qcast Mirror (5AJH328.10X) WDC10i/ WDC10C/WDC20/WDC20C	Spare Lamp Kit (5JJND05.001) 3D Glasses (5JJ9H25.002) Ceiling mount Qcast Mirror (5AJH328.10X) WDC10i/ WDC10C/WDC20/WDC20C	Spare Lamp Kit (5JJND05.001) 3D Glasses (5JJ9H25.002) Ceiling mount Qcast Mirror (5AJH328.10X) WDC10i/ WDC10C/WDC20/WDC20C
OSD				
On Screen Display Language	Arabic/ Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/ French/ German/ Greek/ Hindi/ Hungarian/ Italian/ Indonesian/ Japanese/ Korean/ Norwegian /Persian/ Polish/ Portuguese/ Romanian/ Russian/ Simplified Chinese/ Spanish/ Swedish/ Turkish/ Thai/ Traditional Chinese/ Vietnam (30 languages)			

* LightSource life results will vary depending on environmental conditions and usage. Actual product's features and specifications are subject to change without notice.
* All related Optical Value is measure by Standard Lens. * The Contrast is measure by Full On Full Off standard.

InstaShow Wireless Presentation System

				
Models	WDC10	WDC10C	WDC20	WDC20C
Feature				
Color	Black	Black	Black	Black
Video Outputs*	HDMI 1.4, comply with HDCP*	HDMI 1.4, comply with HDCP	HDMI 1.4, comply with HDCP	HDMI 1.4, comply with HDCP
Support Platform*	Windows, MAC, Chrome. Any OS supports HDMI standard 1.4*	Windows, MAC, Chrome. Any OS has USB-C with Thunderbolt 3 or USB-C with Display Port Alt Mode (DP version higher or equal than 1.2)	Windows, MAC, Chrome. Any OS supports HDMI standard 1.4	Windows, MAC, Chrome. Any OS has USB-C with Thunderbolt 3 or USB-C with Display Port Alt Mode
Frame Rate*	Up to 30 fps depending on environment*	Up to 60 fps depending on environment	Up to 60 fps depending on environment	Up to 60 fps depending on environment
Output Resolution*	800x600, 1280x720 (720P),1024x768 (XGA), 1280x1024,1280x960,1360x768,1440x900,1920x1080 (1080p)		720 x480, 720x576, 1280 x 720, 1920 x 1080 (1080p), up to 3840 x 2160 (30Hz)	720 x 480, 720 x 576, 1280 x 720, 1920 x 1080(1080P), up to 3840 x 2160 (30Hz)
Input Resolution*	Up to 1920 x 1080*	Up to 1920 x 1080	Up to 1920 x 1080	Up to 1920 x 1080
Simultaneous Connections*	16 pcs*	16 pcs	32 pcs	32 pcs
Audio*	Stereo, Radio quality 16 bits 48KHz*	Stereo, Radio quality 16bits 48KHz	Stereo, Radio quality 16bits 48KHz	Stereo, Radio quality 16bits 48KHz
Wireless	IEEE 802.11ac, 5GHz, 2T2R*	IEEE 802.11ac, 5GHz, 2T2R	IEEE 802.11ac, 5GHz, 2T2R IEEE 802.11n, 2.4GHz, 2T2R	IEEE 802.11ac, 5GHz, 2T2R IEEE 802.11n, 2.4GHz, 2T2R
Data Rate Wireless*	Up to 386Mbps*	Up to 867Mbps	Up to 867 + 300Mbps	Up to 867 + 300Mbps
Authentication Protocol*	WPA2 (WPA2-PSK (Pre-Shared key) / WPA2-Enterprise)*	WPA2 (WPA2-PSK (Pre-Shared key) / WPA2-Enterprise)	WPA2 (WPA2-PSK (Pre-Shared key) / WPA2-Enterprise)	WPA2 (WPA2-PSK (Pre-Shared key) / WPA2-Enterprise)
Security(encryption)*	AES 128 bit*	AES 128 bit	AES 128 bit	WPA2 Personal (AES-128 bit)
Reach*	Max. 8m between InstaShow Button and InstaShow Host*	Max. 8m between InstaShow Button and InstaShow Host	Max. 15m between InstaShow S Button and InstaShow S Host	Max. 15m between InstaShow S Button and InstaShow S Host
Temperature Range*	Operating: 0°C to +40°C (+32°F to +104°F) Storage: -10°C to +60°C (+14°F to +140°F)*	Operating: 0°C to +40°C (+32°F to +104°F) Storage: -10°C to +60°C (+14°F to +140°F)	Operating: 0°C to +40°C (+32°F to +104°F) Storage: -10°C to +60°C (+14°F to +140°F)	Operating: 0°C to +40°C (+32°F to +104°F) Storage: -10°C to +60°C (+14°F to +140°F)
Humidity*	Operation: 10% to 80% relative humidity, non-condensing Storage: 5% to 90% relative humidity, non-condensing*	Storage: 5% to 90% relative humidity, non-condensing Operation: 10% to 80% relative humidity, non-condensing	Storage: 5% to 90% relative humidity, non-condensing Operation: 10% to 80% relative humidity, non-condensing	Storage: 5% to 90% relative humidity, non-condensing Operation: 10% to 80% relative humidity, non-condensing
InstaShow Button*				
Cable*	USB Type A, HDMI Cable*	USB Type-C	USB Type A, HDMI Cable	USB Type-C Cable
Reset Button*	x1	x1	x1	x1
Mode Key*	x1	x1	N/A	N/A
LED	*Red (boosting), Green (wifi connected), Blue (presenting)*	*Red (boosting), Green (wifi connected), Blue (presenting)	3/6 LED (R.G.B)	3/6 LED (R.G.B)
Power Supply	C 5V±10%, 0.9A*	DC 5V±10%, 0.9A	DC 5V±10%, 0.5A	DC 5V±10%, 0.5A
Power Consumption*	Normal: 4.5W*	Normal: 4.5W	2.5W	2.5W
Dimension (WxHxD)*	84.5 x 189.55 x 19.9mm* (with wire)	84.5 x 188.3 x 19.9 mm (with wire)	81 x 291 x 24.2mm (with wire)	81 x 291 x 24.2mm (with wire)
Weight	100g*	87.3g	81g	81g
InstaShow Host*				
Power Button*	x1	x1	N/A	N/A
Paring Key*	x1	x1	x1	x1
LAN* / WAN	LAN x1 (10/100 Mbps)*	LAN x1 (10/100 Mbps)	WAN x1	WAN x1
Video Output*	x1 HDMI 1.4 (video and audio)*	x1 HDMI 1.4 (video and audio)	x1 HDMI 1.4 (video and audio)	x1 HDMI 1.4 (video and audio)
LED	*Red (boosting), Green (ready for connection), Blue (presenting)*	*Red (boosting), Green (ready for connection), Blue (presenting)	3 LED (R.G.B)	3 LED (R.G.B)
DC Power Jack*	x1 (micro USB)*	x1 (micro USB)	x1 (micro USB)	x1 (micro USB)
Power Supply	DC 5V±10%, 1.5A*	DC 5V±10%, 1.5A	DC 12V±10%, 2A	DC 12V±10%, 2A
Power Consumption*	Normal: 5W Network standby: 2W HDMI standby: 0.02W*	Normal: 5W Network standby: 2W HDMI standby: 0.02W	24W	24W
Dimension (WxHxD)	110 x 110 x 27mm (99mm with antenna)		154 x 34 x 140mm (without Antenna) 200 x150 x140mm (with Antenna)	154 x 34 x 140mm (without Antenna) 200 x150 x140mm (with Antenna)
Weight	150g (with antenna)*	150g	330g	330g
InstaShow Cradle*				
Dimension (WxHxD)*	85 x 97.5 x 170.4 mm*	85 x 97.5 x 170.4 mm	100.4 x 92.6 x 152mm	100.4 x 92.6 x 152mm
Weight	630g	630g	550g	550g
InstaShow Package*				
InstaShow Button*	x2	x2	x2	x2
InstaShow Host*	x1	x1	x1	x1
Cradle	x1	x1	x1	x1
USB Power Cable*	x1 (150cm, USB Type A 3.0, micro USB)*	x1 (150cm, USB Type A 3.0, micro USB)	N/A	N/A
HDMI Cable*	x1 (80cm)*	x1 (80cm)	x1 (80cm)	x1
USB Extended Cable*	x1 (80cm)*	x1	x1	N/A
Antenna*	x2 (Black)*	x2 (Black)	x4 (Black)	x4 (Black)
Adapter*	x1	x1	x1	x1
Velcro Strap (black)*	x1	x1	x1	x1
Quick Start Guide*	x1	x1	x1	x1
Safety Statement*	x1	x1	x1	x1
Double-side Sponge Tap*	x1	x1	N/A	N/A
Rubber Feet*	x4	x4	x4	Yes
Screws*	x4	x4	x4	Yes

* Please find detail LED behavior in the user manual. **Wireless connection speed is depended on wireless environment.
***Your product complies with the local wireless regulations and the warranties are valid in the country/region where the product is purchased. Using the product outside the purchased country/region does not guarantee the wireless functionalities. And modification of any part of the product will void the warranties.

Interactive Display

					
Models	CP8601K	CP6501K	RP8602	RP7502	RP6502
Panel					
Screen Size	86"	65"	86"	75"	65"
Panel Type	IPS	IPS	IPS	IPS	IPS
Resolution (Pixel)	UHD 3840 × 2160 (pixels)	UHD 3840 × 2160 (pixels)	UHD 3840 × 2160 (pixels)	UHD 3840 × 2160 (pixels)	UHD 3840 × 2160 (pixels)
Brightness (Typical)	350 nits	350 nits	400 nits	450 nits	350 nits
Dynamic Contrast Ratio	30,000:1	30,000:1	30,000:1	30,000:1	30,000:1
Contrast Raito (Typical)	1,200:1	1,200:1	1,200:1	1,200:1	1,200:1
View Angle	178° (H)/ 178° (W)	178° (H)/ 178° (W)	178° (H)/ 178° (W)	178° (H)/ 178° (W)	178° (H)/ 178° (W)
Response Time (ms)	8 ms	9ms	8 ms	8 ms	8 ms
Color Gamut (x% NTSC)	72%	72%	68%	72%	68%
Panel Bits (8 or 10)	10 bit	10 bit	10 bit	10 bit	10 bit
Light Life (Typical)	30,000 hours	30,000 hours	50,000 hours	50,000 hours	50,000 hours
Display Orientation	Landscape	Landscape/ Portrait	Landscape	Landscape	Landscape
Glass					
Tempered Glass	3mm, Germ-Resistant Glass	3mm, Germ-Resistant Glass	4mm, 9H Germ-Resistant Glass	4mm, 9H Germ-Resistant Glass	4mm, 9H Germ-Resistant Glass
Anti-Glare	Yes	Yes	Yes	Yes	Yes
Germ-Resistant Screen	Yes	Yes	Yes	Yes	Yes
Touch					
Touch Technology	P-CAP Touch	P-CAP Touch	Fine IR+	Fine IR+	Fine IR+
Numbers of Touch	Up to 20 points Multi-touch	Up to 20 points Multi-touch	Up to 20 points Multi-touch	Up to 20 points Multi-touch	Up to 20 points Multi-touch
Resolution (Point Area Function)	32767 × 32767	32767 × 32767	32767 × 32767	32767 × 32767	32767 × 32767
Touch interface	USB(type B) x2	USB(type B) x2	USB B Touch Port x3	USB B Touch Port x3	USB B Touch Port x3
OS Supported	Windows 7/8/10/ XP/ Vista/ Linux/ Mac/ Android		Ubuntu 14.04 or above, windows 7/8/8.1/10, Mac OS X 10.12 or above, Chrome		
Camera					
Camera	x 1 (FHD)	x 1 (FHD)	No	No	No
Audio					
Built-in Speaker	Speakers 10W x2 Subwoofer 16W x1	Speakers 10W x2 Subwoofer 16W x1	Speakers 16W x2 Subwoofer 15W x1	Speakers 16W x2 Subwoofer 15W x1	Speakers 16W x2 Subwoofer 15W x1
Line Out (Audio out, 3.5mm)	x 1	x 1	x 1	x 1	x 1
Line In (3.5mm)	x 1	x 1	x 1	x 1	x 1
MIC (3.5mm)	x 1 (same with Line in port)	x 1 (same with Line in port)	x 1	x 1	x 1
Array Mic	x 6	x 6	x 8	x 8	x 8
SPDIF Output	x 1	x 1	x 1	x 1	x 1
Connectivity					
Basic IO	VGA Input	x 1	x 1	x 1	x 1
	HDMI Input	x3 (2.0)	x3 (2.0)	x3 (2.0)	x3 (2.0)
	HDMI Output	x 1	x 1	x 1	x 1
	OPS Slot	x 1	x 1	x 1	x 1
Legacy IO	USB (Type A)	x7 (2.0 x4, 3.0 x3)	x7 (2.0 x4, 3.0 x3)	x5 (2.0 x3, 3.0 x2)	x5 (2.0 x3, 3.0 x2)
	USB (Type B)	x3	x3	x3	x3
	USB (Type C)	N/A	N/A	x 1	x 1
Control					
RS232 input	x 1	x 1	x 1	x 1	x 1
RJ45 port	x 1	x 1	x 1	x 1	x 1
Firmware Update	USB / OTA	USB / OTA	USB / OTA	USB / OTA	USB / OTA
Power					
Voltage	AC 100-240V, 50/60Hz	AC 100-240V, 50/60Hz	AC 100-240V, 50/60Hz	AC 100-240V, 50/60Hz	AC 100-240V, 50/60Hz
Typical (Watt)	350W	210W	296W	262W	142W
Mechanical					
Dimension (WxHxD) (mm)	2146 × 280 × 132.6	1697 × 220 × 103.9	1988.8 × 1229.8 × 138.4	1735.5 × 1085.8 × 130.7	1505.9 × 951.0 × 121.5
Weight (Without Packing) (kg)	70.6 kg	45 kg	79 kg	61 kg	44 kg
Wall Mounting (VESA) (mm)	4 holes (600 × 400mm) Screw M8 × 25mm		4 holes (600 × 400mm) Screw M8 × 20mm		
Handle	x 2	x 2	x4	x2	x2
Sensor					
NFC Sensor	x1	x1	x1	x1	x1
Motion Sensor	(PIR) x1	(PIR) x1	(PIR) x3	(PIR) x3	(PIR) x3
Light Sensor	x1	x1	x1	x1	x1
Air Quality Sensor	x1	x1	x1	x1	x1
Language					
OSD	EN/ EF/ GM/ DT/ PL/ RS/ CZ/ DN/ SW/ IT/ RM/ FN/ NG/ GK/ HG/ SP/ EP/ TC/ CN/ AB/ JP/ TR/ ID/ TH/ PS/ VT/ KR (27L)				
Package / Accessory					
Remote Controller	x1	x1	x1	x1	x1
Power Cord	x1 (By Region)	x1 (By Region)	x1 (By Region)	x1 (By Region)	x1 (By Region)
VGA Cable	x1 (5m)	x1 (5m)	x1	x1	x1
HDMI Cable	x1 (5m)	x1 (5m)	x1	x1	x1
Quick Start Guide	x1	x1	x1	x1	x1
User's Manual (Electronic File)	x1	x1	x1	x1	x1
USB Cable for Touch	x1 (3m)	x1 (3m)	x1 (3m)	x1 (3m)	x1 (3m)
Touch Pen	x2 (active pen with container)	x2 (active pen with container)	x2	x2	x2
Wall Mount	x1	x1	x1	x1	x1

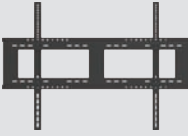
Interactive Display

				
Models	RM8602K	RM7502K	RM6502K	RM5502K
Panel				
Screen Size	86"	75"	86"	55"
Backlight / Lightsource	IPS	IPS	IPS	IPS
Resolution (Pixel)	UHD 3840 x 2160 (pixels)	UHD 3840 x 2160 (pixels)	UHD 3840 x 2160 (pixels)	UHD 3840 x 2160 (pixels)
Brightness (Typical)	350 nits	350 nits	350 nits	350 nits
Dynamic Contrast Ratio	30,000:1	30,000:1	30,000:1	30,000:1
Contrast Raito (Typical)	1,200:1	1,200:1	1,200:1	5,000:1
View Angle	178° (H)/ 178° (V)	178° (H)/ 178° (V)	178° (H)/ 178° (V)	178° (H)/ 178° (V)
Response Time (ms)	8 ms	8 ms	8 ms	8.5 ms
Panel Bits (8 or 10)	10 bit	10 bit	10 bit	10 bit
Light Life (Typical)	50,000 hours	50,000 hours	50,000 hours	50,000 hours
Display Orientation	Landscape	Landscape	Landscape	Landscape
Glass				
Tempered Glass	4mm, 9H Tempered Glass	4mm, 9H Tempered Glass	4mm, 9H Tempered Glass	4mm, 9H Tempered Glass
Anti-Glare	Yes	Yes	Yes	Yes
Germ-Resistant Screen	Yes	Yes	Yes	Yes
Touch				
Touch Technology	IR Touch	IR Touch	IR Touch	IR Touch
Numbers of Touch	Up to 20 points Multi-touch	Up to 20 points Multi-touch	Up to 20 points Multi-touch	Up to 20 points Multi-touch
Resolution (Point Area Function)	32767 x 32767	32767 x 32767	32767 x 32767	32767 x 32767
Touch interface	x2 (USB type B)	x2 (USB type B)	x2 (USB type B)	x2 (USB type B)
OS Supported	Ubuntu 14.04 or above, windows 7/8/8.1/10, Mac OS X 10.12 or above, Chrome			
Camera				
Camera	No	No	No	No
Audio				
Internal Speaker	16W x2	16W x2	16W x2	16W x2
Audio In	x 1	x 1	x 1	x 1
SPDIF Output	x 1	x 1	x 1	x 1
Power (AC) Input	x 1	x 1	x 1	x 1
Power Switch	x 1	x 1	x 1	x 1
Connectivity				
VGA Input	x 1	x 1	x 1	x 1
HDMI Input	x3 (2.0)	x3 (2.0)	x3 (2.0)	x3 (2.0)
HDMI Output	x 1	x 1	x 1	x 1
OPS Slot	x 1	x 1	x 1	x 1
USB Player (Photo, Video)	x5 (2.0x 2, 3.0x3)	x5 (2.0x 2, 3.0x3)	x5 (2.0x 2, 3.0x3)	x5 (2.0x 2, 3.0x3)
Control				
RS232 input	x 1	x 1	x 1	x 1
RJ45 port	x 1	x 1	x 1	x 1
Firmware Update	USB / OTA	USB / OTA	USB / OTA	USB / OTA
Power				
Voltage	AC 100-240V, 50/60Hz	AC 100-240V, 50/60Hz	AC 100-240V, 50/60Hz	AC 100-240V, 50/60Hz
Typical (Watt)	500W	320W	240W	220W
Mechanical				
Dimension (WxHxD) (mm)	1957.1 x 1201.8 x 115.8	1709.4 x 1062.0 x 115.8	1488.7 x 938.9 x 115.6	1268.1 x 814.5 x 115.6
Weight (Without Packing) (kg)	70.2 kg	54.4 kg	42.1 kg	29.3 kg
Wall Mounting (VESA) (mm)	4 holes (800 x 600mm) Screw M8 x 25mm	4 holes (800 x 400mm) Screw M8 x 25mm	4 holes (600 x 400mm) Screw M8 x 25mm	4 holes (400 x 200mm) Screw M8 x 25mm
Handle	x2	x2	x2	x2
Pen Tray	x1	x1	x1	x1
Language				
OSD	English / French / German / Dutch / Polish / Russian / Czech / Danish / Swedish / Italian / Romanian / Finnish / Norwegian / Greek / Hungarian / Spanish / Portuguese / Traditional Chinese / Simplified Chinese / Arabic / Japanese / Thai / Persian / Vietnamese / Korean / Turkish / Indonesia (27L)			
Package / Accessory				
Remote Controller	x1	x1	x1	x1
VGA Cable	x1 (5m)	x1 (5m)	x1 (5m)	x1 (5m)
HDMI Cable	x1 (1.5m)	x1 (1.5m)	x1 (1.5m)	x1 (1.5m)
Quick Start Guide	x1	x1	x1	x1
User's Manual Electronic File	x1	x1	x1	x1
USB Cable for Touch	x1 (3m)	x1 (3m)	x1 (3m)	x1 (3m)
Wall Mount	x1	x1	x1	x1
Touch Pen (Stylus)	x2	x2	x2	x2
OPS	Yes	Yes	Yes	Yes
Trolley	Yes	Yes	Yes	Yes
USB Wi-Fi Dongle	Yes	Yes	Yes	Yes

Video Conference Camera

			
Models	DVY21	DVY22	DVY23
Dimensions			
Dimension (H x W x D)	30 mm x 102 mm x 46 mm (1.18 in x 4.02 in x 1.81 in)	56 mm x 220 mm x 93 mm (2.20 in x 8.66 in x 3.65 in)	150 mm x 181 mm x 116 mm (5.90 in x 7.13 in x 4.55 in)
Weight	0.15 kg (0.33 lbs)	0.53 kg (1.17 lbs)	1.38 kg (3.04 lbs)
Camera			
Sensor	1080P FHD	4K UHD	1080P FHD
Resolution	1080p, 720p, SD @ 30 fps	Main stream:4K, 1080p, 900p, 720p @ 30 fps Sub stream:720p, 480p, 172p @30 fps	1080p, 720p, SD @ 30 fps
Field of View	Horizontal: 87° Vertical: 50° Diagonal: 88°	Horizontal: 120° Vertical: 85° Diagonal: 126°	Horizontal: 55° Vertical: 31° Diagonal: 63°
Zoom	N/A	Digital: 4x	Optical: 20x Digital: 10x
Pan Tilt	N/A	Digital	±170° -30° to 90°
Focus	Fixed	Auto and Manual	Auto and manual
Preset positions	N/A	10	10 with remote, 255 with LAN
Auto framing	N/A	Yes	Yes
Lens type	Glass	Glass	Glass
Low Light Performance	0.5 Lux	0.1 Lux	0.5 Lux
Audio			
Microphone	Omnidirectional mics	Omnidirectional mics	N/A
Echo cancellation	Yes	Yes	N/A
Input	N/A	N/A	3.5 mm
Output	N/A	N/A	HDMI, Ethernet, SDI
Video			
Output	USB 2.0	USB 3.0	USB 3.0, HDMI, Ethernet, SDI
Ethernet			
RJ-45	N/A	N/A	1 GbE port, Power over Ethernet
Power			
Voltage	5 V	5 V	12 V
Control interface			
In Out	N/A	N/A	RS232, RS422, RS485 RS232
Compatibility			
Operating systems	Windows 7 (1080P/720P), Windows 8.1, Windows 10, MacOS™ 10.10, Linux (UVC), and Later	Windows 7 (1080P/720P), Windows 8.1, Windows 10, MacOS™ 10.10, Linux (UVC), and Later	Windows 7 (1080P/720P), Windows 8.1, Windows 10, MacOS™ 10.10, Linux (UVC), and Later
BenQ Displays	CP01K, CS01, SL02K, ST02, RP02, RM02K, RE01, RP01K, ST01K, PRJ E600 & E800 Series and later models	CP01K, CS01, SL02K, ST02, RP02, RM02K, RE01, RP01K, ST01K, PRJ E600 & E800 Series and later models	CP01K, CS01, SL02K, ST02, RP02, RM02K, RE01, RP01K, ST01K, PRJ E600 & E800 Series and later models
USB	Plug and play	Plug and play	N/A
Package Contents			
Package Contents	1080P FHD webcam - Camera mount (built-in) - USB cable (built-in)	4K UHD conference cam - Remote control - Camera mount (built-in) - USB 3.0 Type-B	1080P FHD PTZ conference cam - Remote control - Camera mount (built-in) - USB 3.0 Type-B - Power supply

Additional Accessories

					
NFC Pen	OPS	Trolley	Wall mount	Wi-Fi dongle	NFC Card

Corporate Display

					
Models	ST8602	ST7502	ST6502	ST5502	ST4302
Panel					
Screen Size	86"	75"	65"	55"	43"
Backlight	Direct LED	Direct LED	Direct LED	Direct LED	Direct LED
Active Area (W x H)	1428.5 x 803.5 mm	1649.7 x 927.9 mm	1428.5 x 803.5 mm	1209.6 x 680.4 mm	941.2 x 529.4 mm
Resolution (Pixel)	3840 x 2160 (pixels)	3840 x 2160 (pixels)	3840 x 2160 (pixels)	3840 x 2160 (pixels)	3840 x 2160 (pixels)
Brightness (Typical)	450 nits	450 nits	450 nits	450 nits	450 nits
Contrast Ratio (typ.)	5,000:1	5,000:1	5,000:1	5,000:1	5,000:1
Viewing Angle (H x V)	178°/ 178°	178°/ 178°	178°/ 178°	178°/ 178°	178°/ 178°
Aspect Ratio	16:9	16:9	16:9	16:9	16:9
Light Life (typ.)	50,000 hrs	50,000 hrs	50,000 hrs	50,000 hrs	50,000 hrs
Display Orientation	Landscape	Landscape	Landscape	Landscape / Portrait	Landscap / Portrait
System					
OS	Android 8.0	Android 8.0	Android 8.0	Android 8.0	Android 8.0
System Memory	3 GB	3 GB	3 GB	3 GB	3 GB
Storage	16 GB	16 GB	16 GB	16 GB	16 GB
Speakers					
Internal	2 x 12 W	2 x 12 W	2 x 12 W	2 x 12 W	2 x 12 W
SPDIF-Out	I	I	I	I	I
3.5 mm Line-Out	I	I	I	I	I
Connectivity					
Video Input	2 x HDMI (2.0)	2 x HDMI (2.0)	2 x HDMI (2.0)	2 x HDMI (2.0)	2 x HDMI (2.0)
Video Output	HDMI (2.0)	HDMI (2.0)	HDMI (2.0)	HDMI (2.0)	HDMI (2.0)
USB	2 x Type-A (2.0) 1 x Type-A (3.0) for OPS	2 x Type-A (2.0) 1 x Type-A (3.0) for OPS	2 x Type-A (2.0) 1 x Type-A (3.0) for OPS	2 x Type-A (2.0) 1 x Type-A (3.0) for OPS	2 x Type-A (2.0) 1 x Type-A (3.0) for OPS
RJ45	I	I	I	I	I
OPS Slot	I	I	I	I	I
Control					
RS232	I	I	I	I	I
Power					
Power	AC 100V-240V, 50/60Hz	AC 100V-240V, 50/60Hz	AC 100V-240V, 50/60Hz	AC 100V-240V, 50/60Hz	AC 100V-240V, 50/60Hz
Switch	I	I	I	I	I
Consumption (typ/stby.)	300 W/ <0.5 W	300 W/ <0.5 W	300 W/ <0.5 W	280 W/ <0.5 W	200W / <0.5W
Physical					
Dimensions (W x H x D)	1450.6 x 828.1 x 78.5 mm	1672.2 x 954.9 x 75.3 mm	1450.6 x 828.1 x 78.5 mm	1233.6 x 708.4 x 76.6 mm	961.4 x 553.7 x 71.9 mm
Bezel Width (T/B/L/R)	8.8 / 12.8 / 8.8 / 8.8 mm	9.0 / 13.2 / 9.0 / 9.0 mm	8.8 / 12.8 / 8.8 / 8.8 mm	11.8 / 11.8 / 11.8 / 11.8 mm	8.7 / 13.1 / 8.7 / 8.7 mm
Weight (prod./ship.)	22.9 / 33.6 kg	29.3 / 41.7 kg	22.9 / 33.6 kg	18.4 / 25.7 kg	11.6 / 15.9 kg
VESA Mount	400 x 200	400 x 200	400 x 200	400 x 200	200 x 200
Environment					
Operating Temperature	0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C
Storage Temperature	-10°C ~ 60°C	-10°C ~ 60°C	-10°C ~ 60°C	-10°C ~ 60°C	-10°C ~ 60°C
Usage	18 hours / 7 days	18 hours / 7 days	18 hours / 7 days	18 hours / 7 days	18 hours / 7 days
User's Manual Electronic File	I	I	I	I	I
OSD Languages	27	27	27	27	27
Software Compatibility					
Software Compatibility	DMS Cloud + Local X-Sign InstaShare	DMS Cloud + Local X-Sign InstaShare	DMS Cloud + Local X-Sign InstaShare	DMS Cloud + Local X-Sign InstaShare	DMS Cloud + Local X-Sign InstaShare
Accessories					
Accessories	Remote control x1 Power cord x 8 VGA cable x1 HDMI cable x1 DP cable x1 RS232 cable x1 Quick start guide x1 User manual online	Remote control x1 Power cord x 8 VGA cable x1 HDMI cable x1 DP cable x1 RS232 cable x1 Quick start guide x1 User manual online	Remote control x1 Power cord x 8 VGA cable x1 HDMI cable x1 DP cable x1 RS232 cable x1 Quick start guide x1 User manual online	Remote control x1 Power cord x 8 VGA cable x1 HDMI cable x1 DP cable x1 RS232 cable x1 Quick start guide x1 User manual online	Remote control x1 Power cord x 8 VGA cable x1 HDMI cable x1 DP cable x1 RS232 cable x1 Quick start guide x1 User manual online

Corporate Display

					
Models	SL8502K	SL7502K	SL6502K	SL5502K	SL4302K
Panel					
Screen Size	85"	75"	65"	55"	43"
Light Sourc	Direct LED	Direct LED	Direct LED	Edge LED	Edge LED
Resolution (pixels)	UHD 3840 x 2160	UHD 3840 x 2160	UHD 3840 x 2160	UHD 3840 x 2160	UHD 3840 x 2160
Active Area (mm)	1872 x 1053	1649.7 x 927.9	1428.5 x 803.5	1209.6 x 680.4	941.2x 529.4
Brightness (typical) (nits; cd/m2)	500	500	500	500	500
Contrast Ratio (typical)	5,000:1	1,200:1	1,200:1	1,200:1	1,200:1
Light Life (typical) (hrs)	50,000 hrs	50,000 hrs	50,000 hrs	50,000 hrs	50,000 hrs
Aspect Ratio	16:9	16:9	16:9	16:9	16:9
Display Orientation	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait
System					
OS	Android 8.0	Android 8.0	Android 8.0	Android 8.0	Android 8.0
System Memory	4 GB	4 GB	4 GB	4 GB	4 GB
Storage	32 GB	32 GB	32 GB	32 GB	32 GB
Audio					
Internal Speaker	16W x 2	16W x 2	10W x 2	10W x 2	10W x 2
Line out (3.5mm)	I	I	I	I	I
Connectivity					
VGA Input	I	I	I	I	I
HDMI Input/Output	2 x (2.0) / x1 (2.0)	2 x (2.0) / x1 (2.0)	2 x (2.0) / x1 (2.0)	2 x (2.0) / x1 (2.0) (2.0) / x1 (2.0)	2 x (2.0) / x1 (2.0) (2.0) / x1 (2.0)
Display Port Input	1 x (1.1/1.2)	1 x (1.1/1.2)	1 x (1.1/1.2)	1 x (1.1/1.2)	1 x (1.1/1.2)
RJ45 Port	I	I	I	I	I
USB (Type A)	4 x (2.0 x 2; 3.0 x 2)	4 x (2.0 x 2; 3.0 x 2)	4 x (2.0 x 2; 3.0 x 2)	4 x (2.0 x 2; 3.0 x 2)	4 x (2.0 x 2; 3.0 x 2)
Control					
RS232	I	I	I	I	I
Power					
Voltage	100V ~ 240V, 50Hz / 60Hz	100V ~ 240V, 50Hz / 60Hz	100V ~ 240V, 50Hz / 60Hz	100V ~ 240V, 50Hz / 60Hz	100V ~ 240V, 50Hz / 60Hz
Power Consumption (typ/stby.)	295.3W / < 0.5W	274.5W / <0.5W	225W / <0.5W	85.6W / <0.5W	92W / < 0.5W
Power (AC) Input	I	I	I	I	I
Switch	I	I	I	I	I
Physical					
Dimensions (W x H x D)	1902 x 1083 x 84 mm	1689.5 x 967.7 x 91.1 mm	1454.6 x 829.6 x 72.0 mm	1236.4 x 707.2 x 63.1 mm	965.5x 553.9x 57.5 mm
Weight (prod./ship.)	55 / 65 kg	52 / 67 kg	35.5 / 48 kg	26.4 / 31.4 kg	17.2 / 24.5 kg
Bezel width (T/B/L/R)	13 / 13 / 13 / 13 mm	19.3 / 19.3 / 19.3 / 19.3 mm	12.6 / 12.6 / 12.6 / 12.6 mm	11.8 / 11.8 / 11.8 / 11.8	11.7 / 11.7 / 11.7 / 11.7 mm
Wall Mounting (VESA) (mm) (Screw type /Max. length)	600 x 400 (4 holes) ; 4 - M8	600 x 400 (4 holes) ; 4 - M8	400 x 400 (4 holes) ; 4 - M8	400 x 400 (4 holes) ; 4 - M6	400 x 400 (4 holes) ; 4 - M6
Environment					
Operation Temperature	0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C
Storage Temperature	-10°C ~ 60°C	-10°C ~ 60°C	-10°C ~ 60°C	-10°C ~ 60°C	-10°C ~ 60°C
Usage	24 hour / 7 days	24 hour / 7 days	24 hour / 7 days	24 hour / 7 days	24 hour / 7 days
Accessories					
Accessories	Remote Controller x1 PWR Cord (by region) x7 VGA Cable x1 (1.5m) HDMI Cable x1 (1.5m) Quick Start Guide x1 User's Manual online	Remote Controller x1 PWR Cord (by region) x7 VGA Cable x1 (1.5m) HDMI Cable x1 (1.5m) Quick Start Guide x1 User's Manual online	Remote Controller x1 PWR Cord (by region) x7 VGA Cable x1 (1.5m) HDMI Cable x1 (1.5m) Quick Start Guide x1 User's Manual online	Remote Controller x1 PWR Cord (by region) x7 VGA Cable x1 (1.5m) HDMI Cable x1 (1.5m) Quick Start Guide x1 User's Manual online	Remote Controller x1 PWR Cord (by region) x7 VGA Cable x1 (1.5m) HDMI Cable x1 (1.5m) Quick Start Guide x1 User's Manual online
Software Compatibility					
Software Compatibility	DMS Cloud + Local InstaShare X-Sign	DMS Cloud + Local InstaShare X-Sign	DMS Cloud + Local InstaShare X-Sign	DMS Cloud + Local InstaShare X-Sign	DMS Cloud + Local InstaShare X-Sign
OSD					
On Screen Display Language	EN/EF/GM/DT/PL/RS/CZ/DN/SW/IT/RM/FN/NG/GK/HG/SP/EP/TC/CN/AB/JP/TH/PS/VT/KR/TR (26L)				

Pantone-Validated Digital Signage
Corporate Display - SL Series



LCD Monitor

Models			
Display			
Screen size	23.8"	27"	27"
Resolution	1920x1080	1920x1080	2560x1440
Panel type	IPS	IPS	IPS
Aspect ratio	16:9	16:9	16:9
Brightness	250	250	350
Native contrast	1000:1	1000:1	1000:1
View angle	178/178	178/178	178/178
Color gamut	72% NTSC	72% NTSC	100% sRGB / Rec. 709
Monitor			
HDCP	1.4	1.4	1.4
VESA Wall Mount	100x100	100x100	100x100
Display Screen Coating	Anti-Glare	Anti-Glare	Anti-Glare
Connectivity	D-sub / HDMI 1.4 / DP 1.2 / Headphone Jack / Line in	D-sub / HDMI 1.4 / DP 1.2 / Headphone Jack / Line in	HDMI 1.4 / DP 1.2 / mini DP 1.2 / Headphone Jack
Eye-Care			
Flicker-free technology	Yes	Yes	Yes
Low blue light	Yes	Yes	Yes
Brightness Intelligence	Yes	Yes	—
Power			
Voltage rating	100-240V	100-240V	100-240V
Power supply	Built-in	Built-in	Built-in
Power consumption (on mode.)	27W	32W	58W
Power consumption (based on Energy Star)	16W	18W	28W
Power Consumption (stand by mode)	0.5W	0.5W	0.5W
Power Consumption (sleep mode)	0.5W	0.5W	0.5W
Dimension and weight			
Dimensions (HxWxD mm) (w/o Base)	339.85 x 540.3 x 49.5	381 x 612 x 50	379.5 x 641.0 x 56.5
Dimensions (HxWxD mm)	H : 528 x 540 x 230 L : 428 x 540 x 230	H : 547 x 612 x 231 L : 429 x 612 x 231	H : 547.3 x 641.0 x 239.6 L : 417.3 x 641.0 x 239.6
Net Weight (kg) (without stand)	3.0	4.5	4.25
Net Weight (kg)	5.7	7.2	6.9
Gross Weight (kg)	7.4	9.1	9.1
Tilt (down/up)	-5° - 20°	-5° - 20°	-5° - 20°
Swivel (left/right)	45°/45°	45°/45°	45°/45°
Pivot	90°	90°	90°
Height Adjustment (mm)	140	140	130
Environment Standards			
Energy Star	8.0	8.0	—
EPEAT	Bronze	Bronze	—
Compliant Standards			
TCO	7.0	7.0	6.0
Certification			
Mac Compatible	—	—	YES
Windows Compatible	Windows®10, Windows®8.1, Windows®8, Windows®7	Windows®10, Windows®8.1, Windows®8, Windows®7	Windows®10, Windows®8.1, Windows®8, Windows®7

LCD Monitor

Models			
Display			
Screen size	32"	27"	31.5"
Resolution	3840x2160	3820x2160	3840x2160
Panel type	IPS	IPS	IPS
Aspect ratio	16:9	16:9	16:9
Brightness	350	350	300
Native contrast	1000:1	1000:1	1000:1
View angle	178/178	178/178	178/178
Color gamut	100% sRGB / Rec. 709	96% DCI-P3, 100% sRGB, 99% Adobe RGB	95% DCI-P3, 95% Display P3, 100% sRGB
Monitor			
HDCP	2.2	2.2	2.2
VESA Wall Mount	100x100	100x100	100x100
Display Screen Coating	Anti-Glare	Anti-Glare	Anti-Glare
Connectivity	HDMI 2.0 / DP 1.2 / mini DP 1.2 / Headphone Jack / Line in	HDMI 2.0/ DP1.4/ USB-C/ Headphone Jack	HDMI 2.0 / DP 1.4 / USB-C / Headphone Jack
Eye-Care			
Flicker-free technology	Yes	Yes	Yes
Low blue light	Yes	Yes	Yes
Brightness Intelligence	—	—	—
Power			
Voltage rating	100-240V	100-240V	100-240V
Power supply	Built-in	Built-in	Built-in
Power consumption (on mode.)	110W	200W	220W
Power consumption (based on Energy Star)	44W	42W	37W
Power Consumption (stand by mode)	0.5W	0.5W	0.5W
Power Consumption (sleep mode)	0.5W	0.5W	0.5W
Dimension and weight			
Dimensions (HxWxD mm) (w/o Base)	436.4 x 740.3 x 65.6	366 x 614.4 x 87.39	412.2 x 714.8 x 86.63
Dimensions (HxWxD mm)	H : 640.2 x 740.3 x 213.4 L : 490.2 x 740.3 x 213.4	H: 593.71 x 614.4 x 186.31 L: 443.71 x 614.4 x 186.31	H : 627.6x714.8x185.81 L : 477.6x714.8x185.81
Net Weight (kg) (without stand)	8.5	5.7	7.9
Net Weight (kg)	12.5	8.3	10.4
Gross Weight (kg)	15.8	10.5	13.3
Tilt (down/up)	-5° - 20°	-5° - 20°	-5° - 20°
Swivel (left/right)	45°/45°	30°/30°	30°/30°
Pivot	90°	90°	90°
Height Adjustment (mm)	150	150	150
Environment Standards			
Energy Star	7.0	7.0	7.0
EPEAT	Bronze	Bronze	Bronze
Compliant Standards			
TCO	7.0	7.0	7.0
Certification			
Mac Compatible	YES	YES	YES
Windows Compatible	Windows®10, Windows®8.1, Windows®8, Windows®7	Windows®10, Windows®8.1, Windows®8, Windows®7	Windows®10, Windows®8.1, Windows®8, Windows®7
CalMAN Certification	—	YES	YES
Pantone Certification	—	YES	YES