

Samsung Corporate Display Solutions

Empowering efficient productivity and collaboration through state-of-the-art displays

Interactive Display | LED Signage | Smart Signage | Business Monitor



SAMSUNG

our expertise is your advantage

midwich

Digital transformations at work

The modern workplace is evolving. Businesses need more versatile displays for seamless communication and idea sharing. Our displays can enhance:

Collaboration

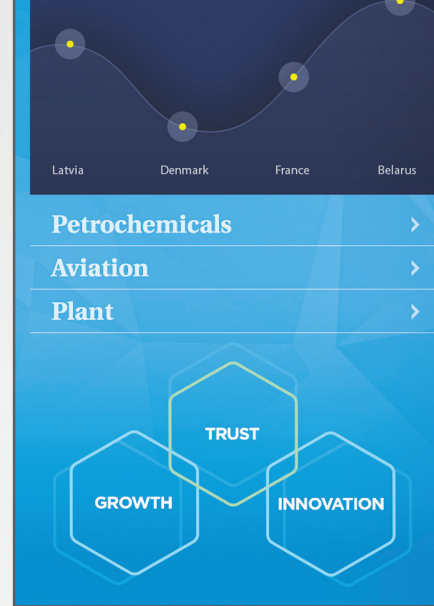
Displays need to accommodate remote workers who rely on personal devices to interact without delays from any location.

Communication

To keep projects organised and on schedule, businesses need displays that can centrally store content and be intuitively accessed 24/7 for review and revision.

Productivity

Delays in productivity can negatively impact your bottom line. Visual displays can help businesses refine their operations to ensure an efficient and continuous performance.



Building smarter connections

Collaboration is the key to business success. Employees need powerful and flexible channels in order to exchange information, identify opportunities, respond to threats, and ultimately fuel growth.

Samsung understands these needs. We offer a complete line-up of office-ready displays that enable impactful collaboration in any environment. From our Samsung Flip interactive digital flip chart to our QBH-TR Series electronic whiteboards, our customisable technologies accommodate any industry or setting. Samsung's displays can transform every office location into a fully-equipped collaborative space – without many of the frustrations of the modern meeting.



We have over 100 global business networks located all over the world.

Based on quick intelligence capabilities, skilled trading techniques and excellent financing abilities, provides customers with products and optimum condition required by customers by developing various heavy chemical industrial products such as machines, plants, automobile electric and electronic products.

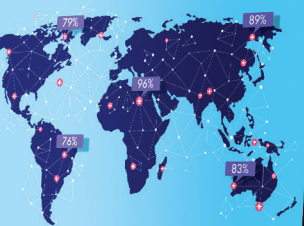
In addition, we conduct the business model – which can offer our customers new values – so as to provide optimal supply chain services. We have key materials and components in warehouses but also have prepared infrastructures designed to supply materials to our customers in a timely manner by offering new values to our customers.

TRADING & INVESTMENT

Reaching out to go to the world



Petrochemicals
Arefation
Plant



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Delivering messages that resonate

Samsung's LED SMART Signage helps facilitators overcome the disengagement and delays that can hinder successful collaboration. The displays' detail-rich picture projects clear visuals, and participants can introduce static and video content to inspire new ideas.



Revitalising the desktop

Samsung's displays offer a full range of professional business monitors, from super energy-saving small monitors to power-user high-resolution monitors to improve worker efficiency, effectiveness and eye comfort. Ultra-wide monitors offer side by side working without the need for two screens, and Samsung USB-C monitors power USB-C laptops and receive video and data back to the monitor to remove the need of expensive docking stations.



Collaboration

Facilitating more impactful discussions through **Interactive Displays**



Samsung Flip

For smart, fully engaged, real-time collaboration

Samsung's products alleviate the challenges of the modern meeting with its Flip display – an interactive, digital flip chart that promotes streamlined collaboration. The Samsung Flip offers a more versatile alternative to analogue board and paper notes, centralising all meeting needs into a fully-integrated idea forum. The display's wheel-based stand transforms any office location into a huddle space, with portrait and landscape orientations available to suit discussion needs.

The Samsung Flip also has multi-touch interactivity and extensive mobile connectivity, making it easier than ever for meeting participants to log, save and share game-changing ideas.

Flip	Idea Generation/ Brainstorming	Face-to-Face	2~4	Any participant	Portable (Wheel-Based Stand)	Syncs with personal mobile devices
	Key Function	Intended Interaction	Recommended Number of Participants	Who Should Present?	Mobility	Connectivity
QBH-TR	Presentation	Face-to-Face and Remote (Video Conferencing)	4~10	One main presenter	Fixed	Offers HDMI, DVI-D, DP and USB ports

Samsung QBH-TR

For fully integrated presentation and communication

While the Samsung Flip chart fuels new business ideas, Samsung's QBH-TR Series interactive whiteboards help bring them to life. These cutting-edge displays offer an all-in-one arena for multi-location communication, and accommodate virtual participants as if they were in the room. Enhanced touch technology allows up to four different users to write on the screen or introduce content at the same time. For added interactivity and screen sharing, the QBH-TR Series seamlessly links with participants' connected devices through a host of integrated ports.



Samsung Flip

Flip the future of collaboration

Though the meeting is a core component of today's business world, it can also be the most complex. Between preparing and moving supplies, securing a room and keeping every participant engaged in the discussion, it's easy for potentially impactful ideas to become lost, or never take shape at all.

Flexible and fully-integrated, Samsung's interactive Flip display helps businesses overcome these challenges and explore new ways to generate ideas. The Flip display securely connects a digital flip chart to a wheel-based stand, allowing businesses to transform any space into a meeting room. Through extensive connectivity and centralised storage, businesses can share content and collaborate more easily.

With Samsung's Flip, meetings become fun and engaging, rather than stressful and exhausting. And by "flipping" your standard collaborative routine, your team can work smarter, faster and better.

Transforming the modern meeting

Invigorate your huddle space with Samsung's Versatile Flip Display



Flip innovation

The Samsung Flip's portable, wheel-based stand transforms any room into a collaborative huddle space, overcoming battles for that coveted meeting space. Business users also can adjust the display position to portrait or landscape, without affecting the System-on-Chip configuration and the powerful TIZEN operating system's performance. There's also a useful front tray for housing pens and other vital supplies.



Display (UHD)



Design



Solution (SoC, Sensor)



Flip creativity

With its intuitive interface and touch-ready design, the Samsung Flip creates a smooth and natural writing experience. Up to four different individuals can write on the display's central screen at the same time. From there, participants can capture and save new ideas for later. The Samsung Flip also encourages users to integrate their personal style by offering a range of different font sizes, colours and texts.



Touch



Capture



Preview & Navigation



Flip execution

The Samsung Flip display keeps all your meeting ideas that are often erased, misplaced or misinterpreted. Thanks to its extensive connectivity and dedicated Touch Out control, it seamlessly syncs with participants' personal devices. As a result, meeting attendees can share new content and ideas on the main screen from multiple sources without delay. The Samsung Flip also simplifies the often tedious meeting recap process via its centralised storage and distribution.



Versatile Connectivity



Touch Out



Sharing via Email, network server



Samsung QBH-TR Series

Drive meaningful business conversations

Employees and students are increasingly participating remotely in collaborative conversations. Today's meeting rooms and classrooms require displays with capabilities exceeding those offered by legacy projectors and analogue boards. A more versatile and interactive alternative ensures that both facilitators and leaders remain engaged and attentive, while also overcoming common productivity hurdles.

Samsung's QBH-TR Series interactive whiteboards take information sharing to the next level and drive stronger conversation, thanks to its all-in-one format. The displays enable simultaneous real-time interaction, with participants able to make notes and introduce new content from anywhere. The QBH-TR Series displays combine refined touch technology, an intuitive MagicIWB S5 management platform and UHD picture quality to help us interact more effectively.

With the QBH-TR Series displays, businesses and classrooms can focus more on generating impactful ideas and exchanging information, and less on the frustrations and logistical obstacles that often accompany collaboration.

Empower integration and all-in-one collaboration

Share content and engage colleagues from any location



More seamless interactions

The QBH-TR Series provides a smooth, fully-functional digital writing experience in an intuitive format. Up to four different participants can make notes on the central screen at the same time, using either dedicated pens or touch.



Smooth & Fast Touch



Multi-writing up to 4



Passive Pen

Better content integration

Each QBH-TR Series display offers dedicated HDMI, DVI-D, DP and USB ports where users can share and revise content from their connected personal devices. Through the Working Screen feature, users can quickly switch between multiple screen sources in just a few quick touches.



Input Ports



Remote Workspace



Interactive Collaboration

Boost collaboration

Remote workers can stay looped in conversations through the QBH-TR Series' seamless laptop streaming. Facilitators can help all participants access and upload content, without losing UHD picture quality or ultra-high resolution. Users are also safeguarded by the displays' integrated Knox security system which prevents information being leaked and external interference.



Intuitive UX



PC-less Solution



Tizen

Communication

Liven your content with **Samsung SMART LED Signage**



Brilliant content

For optimal LED performance, the IF Series displays boast a host of picture-enhancing features. Dynamic peaking technology combats interference from natural and ambient lighting. At the same time, it gives content peak brightness levels nearly two times higher than the standard LED signage maximum. The IF Series displays also safeguards against potential oversaturation and gradation variations to maintain lifelike on-screen representations. Regardless of the environment, the IF Series displays produce consistently brilliant content.



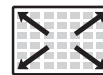
HDR Technology



Dynamic Peaking



Colour Management



Fine-Tune Uniformity



Clean, hassle-free installation

A hook-based design allows IF Series users to mount screens in a single, smooth motion. This seamless installation eliminates gaps and catwalk space, while all front and rear components remain visible and accessible for any maintenance. The IF Series' compact, durable design can also withstand damage from natural events as strong as a Level 4 earthquake, and complies with Americans with Disabilities Act (ADA) protrusion regulations.



Direct Mount™ Kit



Catwalk Space Free



Advanced Design



Earthquake Durability



Communication

Bring your business ideas to life with **Samsung SMART Signage**



Full Line-up (32"~98" / FHD~UHD)



Standalone SMART signage

Available in a range of sizes and configurations, Samsung's standalone displays provide a consistently clear presentation within a compact and stylish design. The powerful TIZEN operating system boosts graphic quality, while a System-on-Chip (SoC) composition eliminates the need for external media players.



SoC



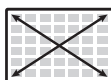
24/7 Operation



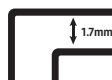
Embedded Solution

Video walls

Businesses are increasingly turning to video walls to enhance their communication. Samsung's comprehensive and customisable options accommodate any professional need. The extremely narrow bezel UH55F-E video wall (1.7mm bezel-to-bezel width) symbolises Samsung's commitment to delivering a near-seamless multi-display presentation. A non-glare panel also evenly distributes light to bring out the best in the featured content.



Enhanced Uniformity



Narrow Bezel

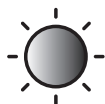


Non-Glare



Outdoor SMART signage

Samsung's all-in-one outdoor signage line-up enables businesses to pique customers' interest at the first possible point of contact. Featuring a slim-depth (85 mm.) design and intuitive operations, the OHF Series displays ensure a durable performance 24/7 – even in the most extreme temperatures. The features package includes: ingress protection, anti-reflection technology, vandalism defence and a cooling system that can all safeguard the OHF Series' long-term performance.



High Brightness



Superior Durability



All-in-one design



MagicInfo solution

With Samsung's MagicInfo platform, users can create, schedule and deploy content across single displays or multi-display networks from a single location. The web-based platform is compatible with nearly all major operating systems, devices and browsers, and offers content managers a range of ready-made templates, image and text options to suit their business or brand.



Content Management



Device Management



Operational Efficiency

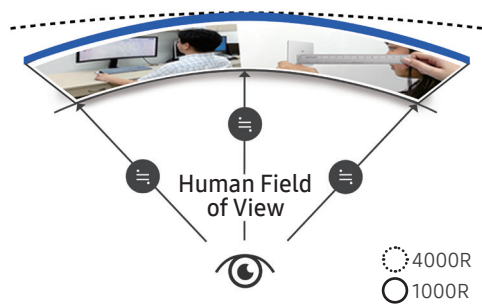
Productivity

Boost efficiency with **Samsung Workplace Business Monitors**

Samsung curved monitors

A natural, stress-free design

Samsung's curved professional monitors boost productivity through a comfortable curved design that mirrors the shape of the human eye for strain-free long-term usage. The health and productivity benefits of curved displays, such as Samsung's CJ89, have been validated by researchers at Harvard Medical School. They discovered in a recent study that curved monitor users reported lower eye strain and blurred vision, than monitor users did after completing an hour of comparable, visually-intense tasks.



*Assuming 1m viewing distance



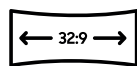
Curved



TUV RHEINLAND

Convenient multi-tasking

The equivalent of two side-by-side 27" monitors, Samsung's CJ89 monitor offers ample space for viewing and working within data-rich documents. The CJ89's panoramic, ultra-wide curved panels (43-inch and 49-inch) eliminate the need for dual monitor setups, awkward bezel breaks and cluttering cables. Instead, users can keep multiple windows open at once and work comfortably without repetitive scrolling and zooming.



32:9



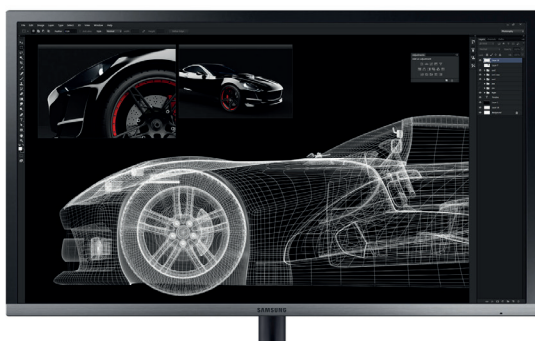
Picture-by-picture



Picture-in-picture



Samsung UHD professional monitors



Amplified Visuals

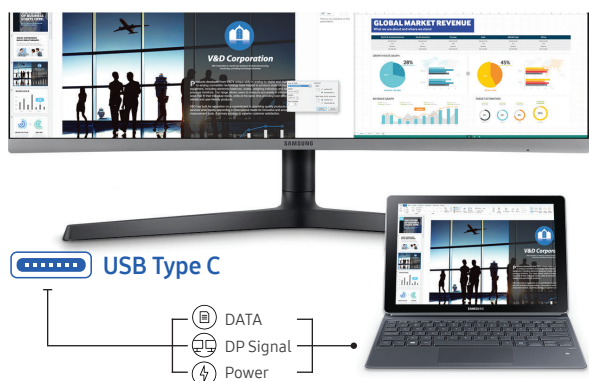
Samsung's professional business monitors bring even the most minor visual details to life, enabling workers to do their jobs more accurately and faster. Samsung's UHD monitors in particular, feature a quantum dot composition and a resolution nearly four times higher than that of standard FHD displays. So multiple webpages, images and text become clearer and more colourful, without the need for extensive scrolling or zooming.

UHD

UHD



Quantum Dot

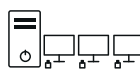


Hassle-free personal device synchronisation

Through better connectivity, Samsung professional monitors allow users to introduce, view and share content from their personal devices quickly and efficiently. Dedicated USB Type C and USB 3.0 ports offer a smooth multi-device content exchange through a single cable, eliminating desktop clutter. Additionally, the monitors' seamless daisy chaining keeps content visible and consistent across multiple screens, without the need for external equipment.

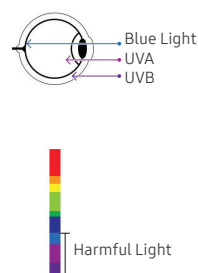


USB Type C



Daisy Chain

Samsung business monitors



Safe, stress-free use for longer

During extended periods of monitor use, blue light wavelengths can fatigue or strain users' eyes. Each Samsung business monitor features a specialised Eye Saver Mode that reduces blue light emissions to increase long-term productivity. Furthermore, Samsung's Flicker Free technology prevents another common source of user discomfort.



Eye Saver Mode

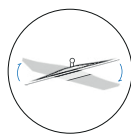


Flicker Free



Flexible configuration

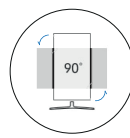
Samsung's business monitors also promote productivity through ergonomic efficiency. These customisable monitors feature height-adjustable stands, and pivot, swivel and tilt options that allow users to adjust positioning and place screens at eye level. These displays can also be removed and attached to VESA-supported wall mounts for added visibility.



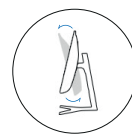
Swivel



Height adjustment



Pivot



Tilt

SMART Signage - Standalone

	Project	Screen Size	Resolution	Brightness	Haze	Operation Hour	Connectivity	Operating System	S/W	IP5x Certification
UHD	QMN	43", 49", 55", 65", 75"	3840 x 2160	450-500 nit	Non-Glare	24/7	In : DVI-D(1), DP1.2(1), HDMI 2.0(2), RS232C, RJ45 / Out : HDMI 2.0(1), RS232C	Tizen 4.0	Built-in MagicInfo S6, SSSP 6.0	O
	QBN	43", 49", 55", 65", 75", 82"	3840 x 2160	300-350 nit	Glare	16/7	In : DVI-D(1), HDMI 2.0(2), USB 2.0(2), RS232C, RJ45 / Out : RS232C	Tizen 4.0	Built-in MagicInfo S6, SSSP 6.0	O
	QMH	49", 55", 65"	3840 x 2160	500 nit	Non-Glare	24/7	In : DVI-D(1), DP1.2(1), HDMI 2.0(2), USB 2.0(2), RS232C, RJ45 / Out : HDMI 2.0(1), RS232C	Tizen 3.0	Built-in MagicInfo S5, SSSP 5.0	O
	QMF	75", 85", 98"	3840 x 2160	500 nit	Non-Glare	24/7	In : DVI-I(1), DP1.2(2), HDMI 1.4(4), USB 2.0(1), RS232C, RJ45 / Out : RS232C	Non-SoC	-	X
	QBH	65", 75"	3840 x 2160	300 nit	Glare	16/7	In : DVI-D(1), DP1.2(1), HDMI 2.0(2), USB 2.0(2), RS232C, RJ45 / Out : RS232C	Tizen 3.0	Built-in MagicInfo S5, SSSP 5.0	X
FHD	PHF	43", 49", 55"	1920 x 1080	700 nit	Non-Glare	24/7	In : DVI-I(1), DP1.2(1), HDMI 2.0(2), USB 2.0(2), RS232C, RJ45 / Out : DP1.2(1), RS232C	Tizen 2.4	Built-in MagicInfo S4, SSSP 4.0	O
	PMF	32"	1920 x 1080	400 nit	Glare	16/7	In : DVI-I(1), DP1.2(1), HDMI 2.0(2), USB 2.0(2), RS232C, RJ45 / Out : DP1.2(1), RS232C	Tizen 2.4	Built-in MagicInfo S4, SSSP 4.0	X
	PMH	43", 49", 55"	1920 x 1080	500 nit	Non-Glare	24/7	In : DVI-I(1), DP1.2(1), HDMI 2.0(2), USB 2.0(2), RS232C, RJ45 / Out : DP1.2(1), RS232C	Tizen 2.4	Built-in MagicInfo S4, SSSP 4.0	O
	DBE	32", 55"	1920 x 1080	350 nit	Glare	16/7	In : DVI-D(1), HDMI 1.4(1), D-Sub(1), CVBS(1), USB 2.0(1), RS232C, RJ45 / Out : HDMI 2.0(1), RS232C	Orsay	Built-in MagicInfo S3, SSSP 3.0	X
	DBJ	43", 49"	1920 x 1080	300 nit	Glare	16/7	In : DVI-D(1), HDMI 1.4(2), USB 2.0(1), RS232C, RJ45 / Out : HDMI 2.0(1), RS232C	Tizen 3.0	Built-in MagicInfo S5, SSSP 5.0	X
	DCE	32", 55"	1920 x 1080	330-350 nit	Glare	16/7	In : DVI-I(1), HDMI 1.4(1), CVBS(1), USB 2.0(1), RS232C, RJ45 / Out :	Simple SoC	Built-in MagicInfo Lite	X
	DCJ	43", 49"	1920 x 1080	300 nit	Glare	16/7	In : DVI-I(1), HDMI 1.4(1), CVBS(1), USB 2.0(1), RS232C, RJ45 / Out :	Simple SoC	Built-in MagicInfo Lite	X

SMART Signage - Videowall

	Screen Size	B-to-B(mm)	Bezel Width	Resolution	Brightness	Haze	Operation Hour	Connectivity
UHF-E, UMH-E	55"	1.7mm	1.15 mm(U/L), 0.55 mm(R/B)	1920 x 1080	700 nit(UHF-E), 500 nit(UMH-E)	25%	24/7	Analog D-SUB, DVI-D, Display Port 1.2, 2 HDMI, Stereo mini Jack (in/out), DP1.2 (Loop-out), RS232C (in/out), RJ45, Detachable type external sensor (IR, Ambient)
UDE-A, UDE-B	46", 55"	3.5mm	2.3 mm(U/L), 1.2 mm(R/B)	1920 x 1080	700 nit(UDE-A), 500 nit(UDE-B)	25%	24/7	Analog D-SUB, DVI-D, Display Port 1.2, 2 HDMI, Stereo mini Jack (in/out), DP1.2 (Loop-out), RS232C (in/out), RJ45, Detachable type external sensor (IR, Ambient)
UHF5	46"	5.5mm	3.4 mm(U/L), 2.0 mm(R/B)	1920 x 1080	700nit	11%	24/7	DVI-D, Display Port 1.2, 2 HDMI, Stereo mini Jack (in/out), DP1.2 (Loop-out), RS232C (in/out), RJ45, Detachable type external sensor (IR)

SMART Signage - Outdoor

	Screen Size	Resolution	Brightness	Contrast Ratio	Operation Hour	Certification	Connectivity	S/W
OHF	46"	1920 x 1080	2500 nit	5000:1	24/7	IP56 Certified	2 HDMI, HDBaseT (LAN Common), HDCP 2.2, USB 2.0, Stereo Mini Jack (out), RS232C (In/Out), RJ45 (In/Out), HDBaseT	Built-in MagicInfo Player S4, SSSP 4.0
	55	1920 x 1080	2500 nit	4000:1	24/7	IP56 Certified	2 HDMI, HDBaseT (LAN Common), HDCP 2.2, USB 2.0, Stereo Mini Jack (out), RS232C (In/Out), RJ45 (In/Out), HDBaseT	Built-in MagicInfo Player S4, SSSP 4.0
	75"	1920 x 1080	2500 nit	5000:1	24/7	IP56 Certified	2 HDMI, HDBaseT (LAN Common), HDCP 2.2, USB 2.0, Stereo Mini Jack (out), RS232C (In/Out), RJ45 (In/Out), HDBaseT	Built-in MagicInfo Player S4, SSSP 4.0
	85"	3840x2160	2500 nit	3000:1	24/7	IP56 Certified	2 DP1.2 @UHD 60Hz, 2 HDMI 1.4 @UHD 30Hz, HDBaseT, HDCP1.4, USB 2.0, Stereo Mini Jack (out), RS232C (In), RJ45 (In), HDBaseT	-
OMH	32"	1920 x 1080	1000 nit	3000:1	24/7	-	1 DP, 2 HDMI, HDCP1.4, USB 2.0, Stereo Mini Jack (out), RS232C (In/Out), RJ45 (In/Out), HDBaseT	Built-in MagicInfo Player S4, SSSP 4.0
OMD-W	46", 55", 75"	1920 x 1080	2500 nit	5000:1	24/7	-	Analog D-SUB, DVI-D, Display Port 1.2, 2 HDMI, Component (CVBS Common), HDCP1.4, USB 2.0, Stereo Mini Jack, RS232C (In/Out), RJ45	Built-in MagicInfo Player S2, SSSP 2.0

Interactive Signage

	Screen Size	Resolution	Brightness	Touch Type	Touch	Connectivity	Operating System	S/W	Remark
Flip	55"	3,840 x 2,160 (Landscape) 2,160 x 3,840 (Portrait)	300 nit	Inglass Touch	4 drawing, Passive Pen	HDMI 1, Touch Out 1, USB 2	Tizen 3.0	Flip S/W	Moving Stand with advanced Pivot
QBH-TR	65", 75"	3,840 x 2,160	300 nit	IR Touch	4 drawing (SoC) 10 drawing (External Windows PC)	HDMI 3 (2xRear, 1xFront), DVI-D, DP, USB 3 (2xRear, 1xFront), PC USB (Front), Touch Out 1	Tizen 3.0	MagicWB S5	-

SMART LED Signage

	Pixel Pitch	Diode Type	Peak Brightness*	Contrast Ratio	Certification	Cabinet Size	Weight	Service	IP Rating
IFJ	P1.2	Surface Mount Device	1200 nit	3000:1 (TBD)	EMC Class B, Safety 60950-1	806x453x75mm (LxHxD, per cabinet)	11kg/cabinet	Front Service and/or Rear Service	IP20
IFH	P1.5, 2.0, 2.5	Surface Mount Device	1600 nit(P1.5) 2400 nit(P2.0, 2.5)	5000:1	EMC Class A, Safety 60950-1	480x540x65mm (LxHxD, per cabinet)	5.8kg/cabinet	Front Service and/or Rear Service	IP20
IFH-D	P2.5, 4.0, 6.0	Surface Mount Device	2400 nit	5000:1	EMC Class A, Safety 60950-1	480x720x65mm (LxHxD, per cabinet)	7.4kg/cabinet	Front Service and/or Rear Service	IP20

**When Dynamic Peaking is applied*

Business Monitor

	Screen Size	Flat/Curved	Resolution	Brightness	Viewing Angle	Connectivity	USB-C	Eye Saver Mode
CJ89	43", 49"	Curved	3840x1080(49") 3840x1200(43")	300cd/m2	178°(H)/178°(V)	HDMI, DP, USB Hub	Yes(2EA)	Yes
CHG90	49"	Curved	3840x1080	up to 600cd/m2 (HDR)	178°(H)/178°(V)	HDMI 2, DP, mDP, USB Hub	-	Yes
CH89	34"	Curved	3440x1440	300cd/m2	178°(H)/178°(V)	HDMI, DP, USB Hub	Yes	Yes
UH85	32"	Flat	3840x2160	250cd/m2	178°(H)/178°(V)	HDMI 2, DP, mDP, USB Hub	-	Yes
SH85	27", 23.8"	Flat	2560x1440	350cd/m2	178°(H)/178°(V)	HDMI, DP, USB Hub	Yes	Yes
SH65	24", 27"	Flat	1920x1080	250cd/m2	178°(H)/178°(V)	HDMI, DP, D-SUB, USB Hub	-	Yes
SE650	24"	Flat	1920x1080	250cd/m2	178°(H)/178°(V)	HDMI, DP, D-SUB, USB Hub	-	Yes
SE450	24", 27"	Flat	1920x1080	250cd/m2	170°(H)/160°(V)	HDMI, DP, D-SUB, USB Hub	-	Yes

About Samsung

Samsung inspires the world and shapes the future with transformative ideas and technologies. The company is redefining the worlds of TVs, smartphones, wearable devices, tablets, digital appliances, network systems, and memory, system LSI, foundry and LED solutions. For the latest news, please visit the Samsung Newsroom at <http://news.samsung.com>.

For more information

For more information about Samsung Interactive Display, SMART LED Signage, SMART Signage, and Business Monitor, visit www.samsung.com/business or www.samsung.com/displaysolutions

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