



Samsung Display Solutions

INTERACTIVE DISPLAY SOLUTIONS

THE NEW
BUSINESS
EXPERIENCE



Interactive touchscreens revolutionized smartphones and tablets with their ability to simplify navigation and share information instantly. Samsung – the market leader in consumer displays and touchscreens – also offers a complete interactive displays solution for business, retail and education. The solution enables whole new ways to drive employee productivity, engage retail shoppers and accelerate student learning.



Versatile and Flexible Solution

Samsung provides maximum flexibility by offering many different interactive-ready models in a wide range of sizes (32"-85"). Just attach a Touch Overlay module and media player to meet almost any need.



Samsung Quality and Reliability

Samsung manufactures millions of advanced LED displays and touchscreens each year. We invest billions of dollars in R&D and manufacturing. So our interactive displays are built to world-class quality and reliability standards.



Intuitive MagicWB Software

MagicWB software turns the Samsung interactive displays into innovation spaces. MagicWB lets users quickly access and edit productivity applications, Web resources and digital files (text, video, audio). So meetings are more productive and learning is more interactive.



Easy to Install, Simple to Manage

Samsung displays are strong yet lightweight, so they are easy to install. The Touch Overlay modules simply attach over the compatible LED display and require tightening just six screws for a seamless finish and a sleek look.

DEPLOY INTERACTIVE DISPLAYS WITH THREE SIMPLE STEPS

1 CHOOSE A PANEL AND A TOUCH OVERLAY



Choose from a variety of models to suit your needs:		Super-slim PEC Series with highest-brightness screens	Super-slim MEC Series with high-brightness screens	Affordable EDD Series with LED screens	Slim DHD, DMD, and DBD Series with 2nd Generation SSSP	Slim QMD Series with 4x the pixels compared to full HD	
Panel	Diagonal Size	40", 46", 55"	32", 40", 46", 55", 75"	65", 75"	32", 40", 48", 55", 65", 75"	85"	
	Type	60Hz e-LED BLU	60Hz e-LED BLU (32", 40", 46") 120Hz e-LED BLU (55") 240Hz LED BLU (75")	60Hz LED BLU (65") 120Hz LED BLU (75")	60Hz LED BLU	120Hz Slim Direct LED BLU	
	Resolution	1920 x 1080 (16:9)					3840 x 2160 (16:9)
	Brightness (Typ.)	700 nits	450-600 nits	320-400 nits	350-700 nits	450 nits	
	Contrast Ratio	4000:1	5000:1	4000:1	5000:1 (DM65D 4000:1)	5000:1	
Connectivity	Input	RGB	Analog D-SUB, DVI-D, DisplayPort 1.2		Analog D-SUB, DVI-D	Analog D-SUB, DVI-D, (Display Port 1.2)	D-Sub, DVI-D, Display Port 1.2 (2), Display Port 1.1 (1)
		VIDEO	HDMI1, HDMI2, Component (CVBS Common)		HDMI, Component (CVBS Common)	HDMI, Component (CVBS Common)	HDMI (3)
		AUDIO	Stereo Mini Jack				
	Output	RGB	DP1.2 (Loop-out)		N/A	DP1.2 (Loop-out) or N/A	N/A
AUDIO		Stereo Mini Jack					

Touch interactivity is enabled by attaching a compatible Touch Overlay module (sold separately). The module is made with scratch-resistant glass and specially coated so that writing feels just like it does on conventional whiteboards. The Touch Overlays also have an anti-glare film for optimal viewing – even in bright light.



Display Size	32"	40"	46"	48"	55"	65"	75"	85"	
Compatible Samsung SMART Signage Displays	ME32C, D-Series 32"	ME40C, PE40C, D-Series 40"	ME46C, PE46C	D-Series 48"	ME55C, PE55C, D-Series 55"	DM65D, ED65D	ME75C, ED75D, DM75D	QM85D	
Touch Overlay Model	CY-TM32LCA CY-TD32LDAH	CY-TM40LCA CY-TP40LCA CY-TD40LDAH	CY-TM46LCA CY-TP46LCA	CY-TD48LDAH	CY-TM55LCC CY-TP55LCC CY-TD55LDAH	CY-TE65LCC CY-TE65ECC	CY-TM75LBC CY-TE75ECC CY-TE75LCC CY-TD75DAF	CY-TQ85LDA	
Mechanical Spec	Glass Thickness (mm)	2.8	2.8	2.8	2.8	2.8	3.2	3.2	
	Glass Film	AG (Front), PET (Rear)							AR (Front), PET (Rear)
	Glass Reflection Rate	≤10%							
	Glass Haze	≤15%							
	Frame Material	Aluminum Extrusion						Aluminum Extrusion Plastic Mold Injection (ABS)	Aluminum Extrusion
Bezel Width (mm)	26.5	23.6	26.5	32.8	26.5	43.2	42.7	39.9	
	28	23.6 30	26.5		26.5 32.8		43.2		
Touch	Touch Technology	IR							
	Response Time	12ms	11-12ms	13-14ms	12ms	11-13ms	11ms	11-12ms	11ms
	Number of Simultaneous Touch	10 Point	10 Point	10 Point	10 Point	6 Point or 10 Point	6 Point	6 Point or 4 Point	10 Point
	Operating System	Windows 8, Windows 7 Home Premium and up, Windows XP, Embedded Windows 7/XP, Mac OSX Lion and up, Linux Ubuntu/Fedora/OpenSUSE/CentOS/Mint Note: Certain models do not support the operating systems listed							
Accessory	Supported Software	MagicWB							

2 USE ON-BOARD OR EXTERNAL MEDIA PLAYER



Samsung interactive displays can use on-board or external (Samsung or third party) media players for complete flexibility. The D series displays provide basic touch functionality right out of the box. Add a PIM or SBB for even more touch features.

The DHD series – as well as select EDD, MEC, and DMD series - displays also have a back slot that can connect to a Samsung Plug-In Module (PIM) for a clean, sleek profile with no cables. The PIM has a dual or quad-core processor and Windows embedded operating system for powerful and reliable performance.

The displays can also connect to a Samsung Set Back Box (SBB) which has a dual or quad-core processor and Windows embedded operating system for a PC-like performance in a small footprint.

Want even more flexibility? Connect a Windows PC or notebook or a third party media player to the Samsung interactive displays.

Samsung Media Players					
Model		SBB-C	SBB-D	PIM	
Media Player	CPU	AMD A4-3310M Dual-Core	AMD RX425, 2.5GHz Quad Core (SBB-DA) Intel Core i5, 2.7GHz Dual Core, GT2 (SBB-DI)	AMD RX425, 2.5GHz Quad Core Intel Core i5, 2.7GHz Dual Core, GT2	
	GPU (Integrated on APU)	Radeon HD6480G	AMD R6 (SBB-DA) Intel HD4600 (SBB-DI)	AMD R6 Intel HD4600	
	FDM/HDD/SSD	SSD 16/32GB	SSD 64/128GB	SSD 64/128GB	
	Memory	2GB/4GB (DDR3 SO-DIMM)	4GB (DDR3 SO-DIMM 2GB x 2)	4GB (DDR3 SO-DIMM 2GB x 2)	
	Ethernet	Gb Ethernet (RJ-45)		Gb Ethernet (RJ-45)	
	Connectivity	USB	USB 2.0 Port x 2, USB 3.0 Port x 2		USB 2.0 Port x 2, USB 3.0 Port x 2
		Output	1st: Magicinfo Out (DP Port, Up-to 1080p) 2nd: DisplayPort	1st: Magicinfo Out (DP Port, Up-to UHD) 2nd: DisplayPort	80 pin OPS port DisplayPort
		Others	RJ-45, RS232 (D-SUB 9P)	RJ-45, RS232C (D-SUB 9P)	RJ-45, Mic in, Audio out
	Operating System	Windows Embedded Standard 2009 or 7	Windows Embedded Standard 7 or Professional	Windows Embedded Standard 7 or Professional	
	Power	Type	Internal		80 pin OPS port
Power Supply		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz		N/A	
Mech. Spec	Set Dimension	321.6mm x 224.7mm x 40.3mm		200mm x 175.6mm x 34.4mm	
	Set Weight	1.8 kg		1.2 kg	

3 LAUNCH MAGICIWB SOFTWARE



The MagicIWB software is easy to learn and easy to use. In a matter of minutes, users can open files, play videos, take notes, draw pictures or browse the Web – all right on the display. Use MagicIWB to:

- Access websites, e-books, videos and data files
- Edit Microsoft® Office applications (PowerPoint, Word, Excel) content, and MagicIWB automatically converts the handwriting into text format
- Manipulate on-screen information easily with simple hand gestures
- Control and interact from a touchscreen that responds to a finger touch or stylus pen
- Share content with notebooks and tablets (iOS®, Windows®, Android®, Mac OS®, Chrome OS®)



INCREASE ORGANIZATIONAL PRODUCTIVITY AND COMMUNICATIONS

Samsung interactive displays enable organizations to increase meeting productivity, foster collaboration and improve communications.

Increase Meeting Productivity

Provide employees the modern tools they need to make meetings more efficient. Unlike data projectors that are often blurry and require dimming the lights, Samsung interactive displays render sharp, bright images under almost any lighting condition. The interactive displays also place necessary information resources at the team's fingertips, so decisions can be made quickly and with all the facts.

- **Edit Microsoft Office documents (Word, Excel, PowerPoint) if you already have Microsoft Office**
- **Email meeting notes and drawings to participants (and those who missed the meeting)**
- **Access audio/video/data files from the network, web, cloud storage, or USB drive**
- **Share content with other interactive displays**
- **Foster collaboration and teamwork**



Organizations can use the special features of MagicIWB for collaborative exercises. For example, MagicIWB can render a single session onto multiple interactive displays so that breakout groups can each work on their own display.

In large presentation rooms with theater-style seating, MagicIWB can be used to expand a single session across multiple displays for easy viewing from almost any angle and distance.

Improve Communications in Board Rooms, Briefing Centers and Campuses

Samsung interactive displays are perfect for high-profile areas like board rooms and customer briefing centers. The displays are sleek and have a thin profile to complement any décor. Unlike data projectors, the interactive displays enable participants to engage in face-to-face conversations while a presentation is made.

In large corporate buildings and campuses, Samsung interactive displays can also be deployed for guest way-finding and employee communications. Display interactive building and campus maps for visitors. Communicate company news and awards with videos. Or showcase upcoming events and charity projects with e-signups.



MASTER CARVING

Opens Saturday

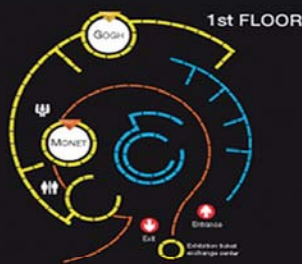


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BLACK AND WHITE
A 19th-century work by the French and white marble of the 20th century

NEW WITH US
The artist's eye. The artist's eye. The artist's eye.

AMERICAN ART
Understanding the artist's work.



ENGAGE, CONNECT AND TRANSACT WITH RETAIL SHOPPERS

Samsung interactive displays can be used in a variety of retail areas to engage shoppers, improve the shopping experience and transact sales.

Engage Shoppers

Samsung interactive displays can engage shoppers with interactive content and stunning visuals. For example, automotive dealers can install Samsung interactive displays on the showroom floor and service waiting areas to raise product awareness and purchase consideration. Customers can engage by virtually choosing car models and colors, configuring trims and options, and obtaining pricing information – all without feeling pressured.

Toy retailers can engage young shoppers by creating a fun, engaging atmosphere with interactive games and activities that reinforce their brand.



Ideal for:

- Automotive Dealers
- Department Stores
- Toy Stores
- Luxury Goods Retailers

Improve the Shopping Experience

Shoppers often find it hard to navigate and find merchandise at retailers with large SKU counts like home improvement centers and department stores. Samsung interactive displays can be positioned at entrances and key areas to function as virtual shopping assistants. The displays provide detailed product and location information, inventory level and promotions. Malls and shopping centers can also deploy the interactive displays for way-finding and mall services.

Ideal for:

- Shopping Malls
- Home Improvement Centers
- Electronics Retailers
- Department Stores

Transact Sales

Online retail has raised shopper expectations for in-store selection, inventory status and product details. Samsung interactive displays can combine the convenience of online shopping with the power of real-time purchase gratification. Retailers can display both in-store and online-only SKUs on the interactive displays with detailed product information, images, videos and purchase options.

Clothing retailers can use Samsung interactive displays so shoppers can easily see alternate styles, sizes and color options that may be in the store or available at the retailer's online store. Accessories and cross-sell items can also be displayed. By offering on-the-spot ideas and options, retailers can avoid showrooming and close the sale while the shopper is most engaged.

Ideal for:

- Clothing Retailers
- Book and Gift Retailers
- Department Stores
- Appliance Retailers

SKATEPARK

CONTESTS



ON, WHITE BROWN



SLIP ON, PRIMARY



LOW TOP, CANVAS



UE



ACCELERATE STUDENT LEARNING

Today's students are digital natives who grew up with tablets and smartphones. Bring the same level of engagement and interactivity to the learning environment with Samsung interactive displays.



Make Learning Interactive in K-12 Classrooms

Samsung interactive displays empower teachers to accelerate student learning. The displays bring lesson plans to life by leveraging e-books, CDs, video animations, images, MS Office applications and the Internet.

The interactive displays and MagicIWB software can be used in conjunction with the Samsung School solution, which integrates with Samsung GALAXY Note tablets and Samsung wireless printers. Samsung School enables teachers to easily deliver content to students, share their own or a student's screen with the class, and monitor student progress in real time. Instructors can also conduct group activities, Q&As, tests or instant polls.



Samsung interactive displays allow instructors to tie together multiple digital resources with the swipe of a touchscreen. The interactive displays can also capture and email lecture notes to the students, so the students can focus on the discussion.



With the increased focus on teamwork and collaboration, Samsung interactive displays are also ideal for student meeting rooms in libraries, dorms and academic buildings. Students can use the interactive displays to collaborate on research projects, take notes, draw diagrams and share information.

IMPROVE GOVERNMENT SERVICES

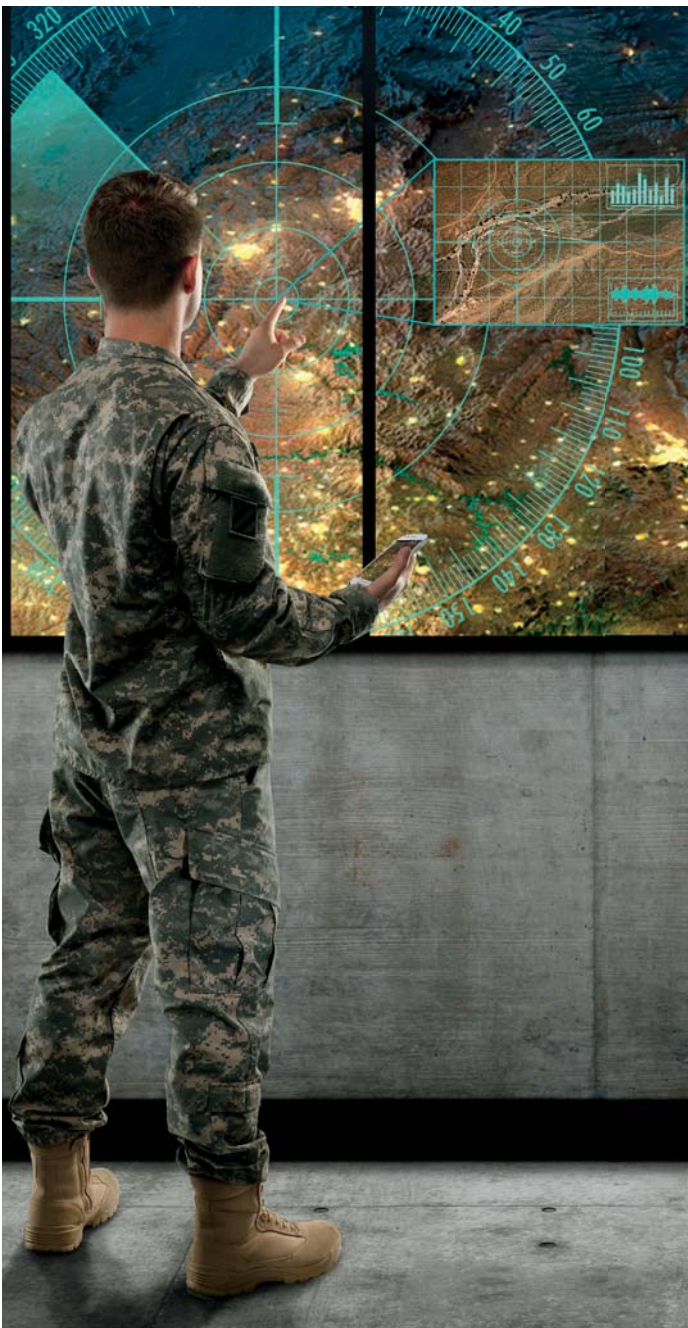
Samsung interactive displays can be deployed by government agencies and departments to improve citizen services and increase coordination.

Increase Coordination at Control Centers

Control centers integrate information from multiple sources and require staff to plan and coordinate activities. Samsung interactive displays can help assemble disparate data feeds and quickly display the information on a single screen for further analysis. The interactive display's whiteboard functionality can be used by analysts to plan, coordinate and document activities. The displays also support environmental responsibility by reducing electricity use (compared to traditional CCFL displays) and reducing paper waste.

Provide Instructions and Wait Times at Citizen Service Centers

Large citizen service centers are often overcrowded and have long wait times. Visitors may also not be familiar with required forms and procedures. Samsung interactive displays can help improve efficiency and speed by providing text and video instructions to visitors to ensure smooth processing. The displays can also be used to post wait times so that visitors are continually updated on their status.



Legal and additional information

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For more information

For more information about Samsung DHD Series Premium Signage Displays, visit www.samsung.com/business or www.samsung.com/displaysolutions

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Samsung Electronics Co., Ltd.
416, Maetan 3-dong,
Yeongtong-gu
Suwon-si, Gyeonggi-do 443-772,
Korea

www.samsung.com

2014-08