

Samsung Commercial Displays

INTERACTIVE DISPLAY SOLUTIONS





Versatile and Flexible Solution

The Samsung interactive displays solution provides maximum versatility and flexibility including:

- **Eight different LED display models (32"- 75") with compatible Touch Overlay modules**
- **Complete media player flexibility**
- **Intuitive MagicIWB software**

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 legendary Samsung quality and reliability standards.



Intuitive MagicIWB Software

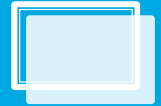
MagicIWB software turns the Samsung interactive displays into innovation spaces. MagicIWB lets users quickly access and edit productivity applications, Web resources and digital files (text, video, audio). So meetings and planning sessions are more productive. And learning is interactive.

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



Samsung provides maximum flexibility by enabling interactive features on eight different models. Choose from:

Super-slim PEC Series (40", 46", 55") with highest-brightness screens

Super-slim MEC Series (32", 40", 46", 55", 75") with high-brightness screens

Fully featured MDC Series (65") with direct-lit LED

Affordable ED Series (65", 75") with edge-lit LED

Panel		PE40C	PE46C	PE55C	ME32C	ME40C	ME46C	ME55C	ME75C	MD65C	ED65C	ED75C	
Panel	Diagonal Size	40"	46"	55"	32"	40"	46"	55"	75"	65"	65"	75"	
	Type	60Hz e-LED BLU	60Hz e-LED BLU	60Hz e-LED BLU	60Hz e-LED BLU	60Hz e-LED BLU	60Hz e-LED BLU	120Hz e-LED BLU	240Hz LED BLU	60Hz LED BLU	120Hz LED BLU	240Hz LED BLU	
	Resolution	1920 x 1080 (16:9)											
	Brightness (Typ.)	700 nits	700 nits	700 nits	450 nits	450 nits	450 nits	450 nits	550 nits	450 nits	320 nits	320 nits	
	Contrast Ratio	4000:1	4000:1	4000:1	5000:1	5000:1	5000:1	5000:1	5000:1	4000:1	4000:1	4000:1	
Connectivity	Input	RGB	Analog D-SUB, DVI-D, DisplayPort 1.2									Analog D-SUB	Analog D-SUB
		VIDEO	HDMI1, HDMI2, Component (CVBS Common)									HDMI1	HDMI1
		AUDIO	Stereo Mini Jack										
	Output	RGB	DP1.2 (Loop-out)									N/A	N/A
AUDIO		Stereo Mini Jack											
Mechanical Spec	Dimension	Set	36.2" x 21" x 1.4"	41.5" x 24" x 1.4"	49.2" x 28.4" x 1.4"	28.9" x 17.1" x 1.2"	36.3" x 21.2" x 1.2"	41.6" x 24.2" x 1.2"	49.1" x 28.4" x 1.2"	66.1" x 37.7" x 1.9"	57.8" x 33.4" x 2.2"	57.8" x 33.4" x 2.6"	65.9" x 37.8" x 2.5"
		Package	38.8" x 25" x 5.3"	44.9" x 28.3" x 5.5"	54.1" x 33" x 6.5"	32.8" x 20.4" x 4.7"	40.2" x 24.3" x 5.1"	46" x 28.4" x 5.5"	53.9" x 33.4" x 7.8"	73.3" x 46.2" x 18.6"	63" x 38.6" x 8.5"	63" x 38.6" x 8.5"	72.9" x 43.3" x 19.2"
	Weight	Set	29.8 lbs.	27.5 lbs.	45.1 lbs.	14.8 lbs.	23.4 lbs.	28.9 lbs.	36.2 lbs.	100.1 lbs.	60.3 lbs.	59 lbs.	63.4 lbs.
		Package	35.5 lbs.	36.5 lbs.	56.9 lbs.	18.3 lbs.	27.8 lbs.	36.8 lbs.	48.5 lbs.	144.3 lbs.	88.7 lbs.	73.9 lbs.	107.4 lbs.

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.



Touch Overlay Model		CY-TM32LCA	CY-TM40LCA	CY-TM46LCA	CY-TM55LCC	CY-TE65	CY-TE75	CY-TM75	CY-TP40	CY-TP46	CY-TP55	
Compatible Panel		ME32C	ME40C	ME46C	ME55C	MD65C, ED65C	ED75C	ME75B, ME75C	PE40C	PE46C	PE55C	
Inch		32"	40"	46"	55"	65"	75"	75"	40"	46"	55"	
Mechanical Spec	Dimension	Set	29.6" x 17.6" x 1.3"	37" x 21.7" x 1.3"	42.4" x 27.7" x 1.3"	49.9" x 29" x 1.3"	59.8" x 35.2" x 1.8"	68.4" x 40" x 1.8"	68.4" x 40" x 1"	37.0" x 21.7" x 1.26"	42.4" x 24.7" x 1.26"	49.9" x 29.0" x 1.26"
		Package	33.1" x 21" x 4"	40.5" x 25.2" x 4"	28.9" x 46.7" x 4"	54.2" x 33.2" x 4"	65.1" x 29.8" x 10.4"	74.4" x 44.7" x 10.4"	74.5" x 44.7" x 10.5"	40.5" x 25.2" x 4.0"	46.7" x 29.1" x 4.0"	54.2" x 33.2" x 4.0"
	Weight	Set	9.3 lbs.	12.8 lbs.	16.1 lbs.	20.9 lbs.	48.9 lbs.	58.6 lbs.	46.5 lbs.	12.7 lbs.	16.1 lbs.	20.9 lbs.
		Package	11.9 lbs.	15.7 lbs.	20.3 lbs.	26.9 lbs.	64.8 lbs.	80.5 lbs.	71 lbs.	15.6 lbs.	20.2 lbs.	26.8 lbs.
	Glass Thickness (mm)		2.8	2.8	2.8	2.8	3.2	3.2	3.2	2.8	2.8	2.8
	Glass Film		AG (Front), PET (Rear)									
	Glass Reflection Rate		≤10%	≤10%	≤10%	≤10%	≤10%	≤10%	≤10%	≤10%	≤10%	≤10%
	Glass Haze		≤15%	≤15%	≤15%	≤15%	≤15%	≤15%	≤15%	≤15%	≤15%	≤15%
Frame Material		Aluminum Extrusion										
Bezel Width (mm)		26.5	23.6	26.5	26.5	42.7	42.7	42.7	23.6	26.5	26.5	
Touch	Touch Technology		IR	IR	IR	IR	IR	IR	IR	IR	IR	
	Response Time		11ms	11ms	14ms	11ms	11ms	11ms	11ms	14ms	11ms	
	Number of Simultaneous Touch		10 Point	10 Point	10 Point	6 Point	6 Point	6 Point	6 Point	10 Point	10 Point	6 Point
	Operating System		Windows XP Pro SP3, Windows 7 32/64, Windows 8 32/64, Linux Ubuntu 10.10/11.04, iOS 10.8 or higher							Windows XP Pro SP3, Windows 7 32/64, Windows 8 32/64, Linux Ubuntu 10.10/11.04, iOS 10.8 or lower		
Accessory	Included	Software	MagicWB Basic (e-Board S/W)	MagicWB Basic (e-Board S/W)	MagicWB Basic (e-Board S/W)	MagicWB Basic (e-Board S/W)	MagicWB Basic (e-Board S/W)	MagicWB Basic (e-Board S/W)	MagicWB 2.0 Basic (e-Board S/W)	MagicWB 2.0 Basic (e-Board S/W)	MagicWB 2.0 Basic (e-Board S/W)	
		Hardware	N/A	N/A	N/A	N/A	Pen Tray (Including USB Hub with 1 Up, 2 Down), Pen	Pen Tray (Including USB Hub with 1 Up, 2 Down), Pen	Pen Tray (Including USB Hub with 1 Up, 2 Down), Pen	N/A	N/A	N/A

The 65" and 75" Touch Overlay modules include a pen tray attachment and a stylus pen. The pen tray has two integrated USB slots on the side for connecting USB flash drives for easy file uploads. The stylus pen can be used for fine detail drawing and writing.



2 CONNECT A MEDIA PLAYER



Samsung interactive displays can connect to a variety of media players for complete flexibility. Connect a Samsung Plug-In Module (PIM) into a slot in the back of the display for a clean, sleek look with no cables to manage. The PIM has a quad-core processor and Windows embedded operating system for powerful and reliable performance.

Or connect a Samsung Set Back Box (SBB) to the interactive display. The slim profile SBB also uses a quad-core processor and Windows embedded operating system for a PC-like performance with a very small footprint.

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



SBB-CQ7



PIM-BQ7P

Samsung Media Players

Model		SBB-CQ7	PIM-BQ7P	
Model Code		SBB-Q32CV4	SBB-PQ28BP4	
Media Player	CPU	AMD A8-3510M Quad-Core	AMD A8-3510M Quad-Core	
	GPU	Radeon HD6620G (Integrated on APU)	Radeon HD6600 Series	
	FDM/HDD/SSD	SSD 32GB	SSD 128GB	
	Memory	4GB (DDR3 SO-DIMM 2GB x 2)	4GB (DDR3 SO-DIMM 4GB x 1)	
	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	DisplayPort Out
Others		RJ-45, RS232 (D-SUB 9P)	N/A	
Operating System		Windows Embedded Standard 7	Window Professional Embedded 7	
Power	Type	Internal	N/A	
	Power Supply	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	N.A	
	Power Consumption	70W (Max)	70W (Max), 27W (Typical)	
Mechanical Spec	Dimension	Set 12.2" x 8.6" x 1.6"	7.9" x 6.9" x 1.4"	
	Weight	Set	4 lbs.	2.6 lbs.
		Package	5.5 lbs.	4.1 lbs.

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)

