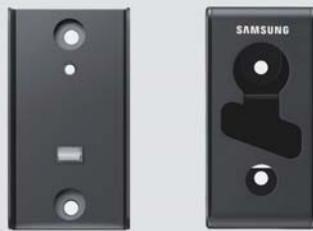


# SAMSUNG SMART SIGNAGE ACCESSORIES AND PERIPHERALS



# Accessories and peripherals for Samsung products

## Samsung quality from start to finish

Samsung provides a variety of accessories to enhance the Samsung SMART Signage experience.

Samsung's control of all processes involved in creating Samsung SMART Signage accessories and peripherals results in high performance and reliability. Deep and direct oversight of each manufacturing and quality assurance step at Samsung facilities ensures that Samsung's lofty internal standards and requirements are met. And, because Samsung designs accessories and peripherals specifically for each Samsung product, customers can be assured of high efficiency, simple, easy connectivity, and enhanced content playing and scalability.

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# Samsung SMART Signage Stands

## "Display easily and more effectively with Samsung stands"

### Overview

Available in various designs and height variations, Samsung SMART Signage Stands firmly support the displays on a flat surface. They are easy to install for convenient set up and serve as swift way to display signage.

### A basic stand for simple installation

The STN-L75D stand provides the most basic and simple way of standing up the display using a small but solid installation piece. In addition, the stand can support the use of optional touch overlay with the display.



Figure 1. STN-L75D

### A reliable, easy-to-set up stand

The STN-L75E, STN-L3240E, STN-L4655E, STN-L6500E come as two separate stands that can be easily attached to the back of the display using the VESA mount holes. Each stand is designed with Y-shaped feet for convenient placement and stability. This stand also supports the use of an optional display touch overlay.



Figure 2. STN-L75E



Figure 3. STN-L4655E

# Samsung SMART Signage Stands

## "Display easily and more effectively with Samsung stands"

### Specifications

	L75D	L75E	L3240E	L4655E	L6500E	L7585F
<b>VESA compatibility</b>	Not applicable	Not applicable	200 x 200 400 x 400	200 x 200 400 x 400	200 x 200 400 x 400	
<b>SBB/PIM compatibility</b>	Supported	Supported	Supported	Supported	Supported	
<b>Touch Overlay compatibility</b>	Supported	Supported	Supported	Supported	Supported	
<b>Installation orientation</b>	Landscape only	Landscape only	Landscape and Portrait	Landscape and Portrait	Landscape and Portrait	
<b>Dimension (mm/in.)</b>						
<b>Weight (kg/lb)</b>						
<b>Color</b>						

	PE			MD				ME				ED				DM				DB				DH				UD		UE		QM		PQ				
	40	46	55	40	46	55	65	32	40	46	55	75	40	46	55	65	75	32	40	48	55	65	75	32	40	48	55	32	40	48	55	46	55	46	55	55	85	46C
<b>75D</b>												○																										
<b>75E</b>																	○																					
<b>3240E</b>	○				○			○	○				○					○	○					○	○		○	○										
<b>4655E</b>		○	○			○	○						○	○						○	○					○	○		○	○	○	○	○	○	○	○	○	○
<b>6500E</b>							○									○							○															
<b>7585F</b>																								○														○

◎: Landscape/Portrait ○: Landscape only ●: Portrait only

### Overview

Samsung offers two types of wall mounts, categorized by usage: standalone mounts and video wall mounts. Both types can be installed on flat-surface walls, and are available in various designs. Simple hanging mounts and multi-jointed arm mounts are available, as are specialized wall mounts that make it easy to access the back of the video wall displays. The wall mounts hold up to four times the weight of supported display products, and provide secure mounting in either landscape or portrait positions.

# Samsung SMART Signage Wall Mounts

## "Display to maximum effect on wall mounts"

### A slim, mini wall mount

Ultra-slim WMN350M standalone wall mount offers minimal installation requirements due to its light weight, fixture and configuration. Varying depths can be implemented at the time of installation by using included brackets.



Figure 4. WMN350M

### A Slim, Easily Configurable Wall Mount for Video wall display

Specialized for video wall displays and configurations, WMN-46VD, WMN-55VD wall mounts make setup easier, delivering a perfect fit without unnecessary measuring and freedom to create single landscape displays, multi-panel portrait walls or massive 10 x 10 video walls. WMN-4675MD wall mount also enables easy upkeep by allowing for individual displays to be replaced or removed for maintenance without having to dismantle the entire videowall. It also allows for vertical (front and rear) microadjustments.



### Wall mounting flexibility and stability

The WMN-4070SD and WMN-4270SD are standalone-only wall mounts that once fully installed allows for not only variable depth by pulling the display in or out but swivel options as well. This enhanced flexibility provides the optimal viewing angle on a sturdy wall mount.



Figure 5. WMN-4270SD

### Versatile wall mount capabilities

The WMN-4675MD and WMN-9500SD are highly versatile wall mounts that provide not only solid support for standalone but video wall configurations. Its slim profile and post-installation cable inset capability deliver a clutter-free, ergonomic display area.



Figure 6. WMN-4675MD

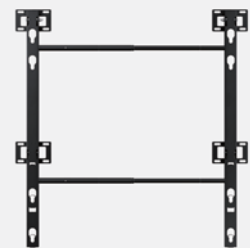


Figure 7. WMN-9500SD

# Samsung SMART Signage Wall Mounts

## "Display to maximum effect on wall mounts"

### Specifications

	5770D	4070SD	4270SD	4277S	4675MD	WMN-46VD	WMN-55VD
<b>VESA compatibility</b>	600 x 400 400 x 600 800 x 400 400 x 800	200 x 200	400 x 400	400 x 400	400 x 400 600 x 400 400 x 600	600X400 400X600 400x400	600X400 400X600 400x400
<b>SBB/PIM compatibility</b>	Supported	Not supported	Supported	Supported	Supported	Supported	Supported
<b>Touch Overlay compatibility</b>	Supported	Supported	Supported	Supported	Supported (Landscape only for ED Series)	Not Supported	Not Supported
<b>Installation orientation</b>	Landscape and Portrait	Landscape and Portrait	Landscape and Portrait	Landscape only	Landscape and Portrait	Landscape and Portrait	Landscape and Portrait
<b>Dimension (mm/in.)</b>	732.4 x 534.5 x 46 (28.8 x 21 x 1.8)	248 x 255 x 30 (9.7 x 10 x 1.1)	465 x 460 x 24.5 (18.3 x 18.1 x 0.9)	465 x 460 x 24.5 (18.3 x 18.1 x 0.9)	533.2 x 538.5 x 43.4 (20.0 x 21.2 x 1.7)	1022.0mm x 539.8mm (Landscape)  576.6mm x 539.8mm (Portrait)	1213.0 mm x 539.8mm (Landscape)  684.0mm x 539.8mm (Portrait)
<b>Weight (kg/lb)</b>		2.4 (5.2)	5.5 (12.1)	5.5 (12.1)	3.2 (7)	10.4	11.3
<b>Minimum wall thickness (mm/in.)</b>	46 (1.8)	30 (1.1)	24.5 (0.9)	24.5 (0.9)	43.5 (1.7)	39.9	39.9
<b>Recommended Usage</b>	Standalone	Standalone	Standalone	Standalone	Video wall	Standalone	Standalone
<b>Maintainability</b>					Lift and pull to remove	Push-Pull type	Push-Pull type
<b>Tilt/Swivel</b>	10 degrees tilt 20 degrees swivel	10 degrees tilt 20 degrees swivel	10 degrees tilt 20 degrees swivel	Not supported	Not supported		

	450M	6575SD	9500SD	22UDPD
<b>VESA compatibility</b>	200 x 200 400 x 400	400 x 400	900 x 600	300 x 300
<b>SBB/PIM compatibility</b>	Supported	Supported	Supported	Supported
<b>Touch Overlay compatibility</b>	Supported	Supported	Not supported	Not applicable
<b>Installation orientation</b>	Landscape and Portrait	Landscape and Portrait	Landscape and Portrait	Landscape and Portrait
<b>Dimension (mm / in.)</b>	Only depth: 17 (ultra slim option) 40 (w/ adjustable BRKT)	564 x 580 x 100 (22.2 x 22.8 x 3.9)	1,064 x 1,080 x 28 (41.8 x 42.5 x 1.1)	394 x 394 x 95 (15.5 x 15.5 x 3.7)
<b>WMN Weight (kg/lb)</b>		3.2 (7)	5 (11)	3.2 (7)
<b>Minimum wall thickness (mm)</b>	15 (0.5)	100 (3.9)	28 (1.1)	95 (3.7)
<b>Recommended Usage</b>	Standalone	Standalone & Video wall	Standalone & Video wall	Video wall
<b>Maintainability</b>				Push-to-popup mechanism
<b>Tilt/Swivel</b>	Not applicable	Not applicable	Not applicable	Not applicable

# Samsung SMART Signage Wall Mounts

## "Display to maximum effect on wall mounts"

### Specifications

	PE			MD					ME						ED					HD					
	40	46	55	32	40	46	55	65	32	40	46	55	75	95C	32	40	46	55	65	75	32	40	46	55	
5570D																									
4070SD	●			●	●				● <sup>1</sup>	● <sup>1</sup>					●	●					●	●			
4270SD		●	○			●	○	○			○ <sup>1</sup>	○ <sup>1</sup>					○	○	○				○	○	
4277S											○								○						
4675MD											● <sup>1</sup>	● <sup>1</sup>													
2000AD	●									●															
2000BD		●	●			●	●																		
450M	●	●	●						●	●	●														
6575SD								● <sup>2</sup>					● <sup>1</sup>					● <sup>2</sup>	● <sup>2</sup>						
9500SD														●											
WMN-46VD																									
WMN-55VD																									

	DM					DB				DH			UD		UE		QM	SL	PQ			
	32	40	48	55	65	75	32	40	48	55	40	48	55	46	55	46	55	55	85D	46B	46C	
5570D																			●	●		
4070SD	●	●					●	●			●											
4270SD			●	○				●	○		●	○	●	○	●	○			●			●
4277S				○	○																	
4675MD			● <sup>3</sup>	● <sup>3</sup>				● <sup>3</sup>	● <sup>3</sup>		● <sup>3</sup>	● <sup>3</sup>	●	●	●	●						
2000AD																						
2000BD																	●	●				
450M	●	●	●	●			●	●	●	●	●	●	●			●	●					
6575SD					● <sup>2</sup>	● <sup>3</sup>																
9500SD																						
WMN-46VD														●		●						
WMN-55VD															●		●					

# Samsung SMART Signage Ceiling Mounts

## "Extend mounting capabilities to the ceiling"

### Overview

Samsung ceiling mounts enable display installation from the ceiling, on an extended pole that is adjustable in length to position the display at just the right height. The mounted displays can be adjusted in various vertical angles and the directional (horizontal) angle that the displays face can also be adjusted for optimal viewing. The ceiling mounts hold up to four times the weight of the supported display products.



Figure 8. CML-400D

### Specifications

	400D	450D	500D
<b>VESA compatibility</b>	200 x 200	400 x 400	600 x 400
<b>SBB/PIM compatibility</b>	Supported	Supported	Supported
<b>Touch Overlay compatibility</b>	Supported	Supported	Supported
<b>Pole Length (mm/in.)</b>	1,431 (56.3) ~ 1,864.5 (73.4)	1,431 (56.3) ~ 1,864.5 (73.4)	1,188 (46.7) ~ 1,588 (62.5)
<b>Dimension (mm/in.)</b>	248 x 250.2 x 1,690.6 (Max) (9.7 x 9.8 x 66.5)	460 x 511 x 1,791.5 (Max) (18.1 x 20.1 x 70.5)	600 x 400 x 1,588 (Max) (23.6 x 15.7 x 62.5)
<b>Weight (kg/lb)</b>			
<b>Installation orientation</b>			
<b>Tilt angle</b>	20 degrees	20 degrees	20 degrees
<b>Rotation angle</b>	360 degrees	360 degrees	360 degrees
<b>Maintainability</b>			

	MD				ME				ED					HD		DM				DB				DH			UE	SL
	32	40	55	65	32	40	55	75	32	40	55	65	75	32	40	32	40	48	55	32	40	48	55	40	48	55	55	46B
<b>400D</b>	⊙	⊙			⊙	⊙			⊙	⊙				⊙	⊙	⊙	⊙			⊙	⊙			⊙				
<b>450D</b>			⊙	⊙			⊙	⊙			⊙	⊙	⊙					⊙	⊙			⊙	⊙		⊙	⊙	⊙	
<b>500D</b>																												⊙

⊙: Landscape/Portrait ○: Landscape only ●: Portrait only



# Samsung SMART Signage Special Mounts

## "Configure displays to fit specific needs"

### Overview

Special mounts include Welcome Board and ID Stand.

- Welcome Board** is an adjustable-height stand for mounting displays at eye-level. Wheels allow users to easily move the stand to a desired location with minimum effort, and cables can be routed through the stand to eliminate wiring appearance for clutter-free installation. Users can attach PIM and SBB to the display while using this mount.
- ID Stand** is specifically designed to enable the easy stacking of UD displays to create video walls. Upon installation, the stand provides the flexibility to adjust the video wall's shape into various formats including: rectangle, folding, standard, stair and pyramid with inter-display gaps minimized through fine-tuned positioning. An adjustable flat bottom and the ability to firmly affix the stand to the floor or ground with screws maximize the stability of the entire video wall.



Figure 9. STN-W4075E



Figure 10. MID-UD55FS

### Specifications

#### Welcome Board

	W4075E
VESA compatibility	200 x 200 400 x 400
SBB/PIM compatibility	Supported
Touch Overlay compatibility	Supported
Dimensions (mm/in.)	756 x 836 x 1,403.7 (29.7 x 32.9 x 55.2)
Weight (kg/lb)	
Installation orientation	Landscape and Portrait
Tilt/Swivel	Not supported
Recommended Usage	Standalone
Maintainability	Wheels for easy movement

# Samsung SMART Signage Special Mounts

## "Configure displays to fit specific needs"

### Specifications

#### Welcome Board

	UD46FS	UD55FS	UD46DS	UD55DS
<b>VESA compatibility</b>	Not applicable	Not applicable	Not applicable	Not applicable
<b>SBB/PIM compatibility</b>	Supported	Supported	Supported	Supported
<b>Touch Overlay compatibility</b>	Not Supported	Not Supported	Not Supported	Not Supported
<b>Dimension (mm/ in.)</b>	1,025.5 x 468 x 600 (40.3 x 18.4 x 23.6)	1,215 x 468 x 600 (47.8 x 18.4 x 23.6)	1,025.5 x 468 x 600 (40.3 x 18.4 x 23.6)	1,215 x 468 x 600 (47.8 x 18.4 x 23.6)
<b>Weight (kg/lb)</b>	40 (88)	45 (99)	40 (88)	45 (99)
<b>Installation orientation</b>	Landscape only	Landscape only	Landscape only	Landscape only
<b>Tilt/Swivel</b>	Not supported	Not supported	Not supported	Not supported
<b>Recommended Usage</b>	Video wall	Video wall	Video wall	Video wall
<b>Maintainability</b>				

	PE			ME				UD					UE		PO	QM	
	40	46	55	40	46	55	75	46	46D	55	55C-B	55D	46	55	46C	85	
<b>520WE</b>								○		○							⊙
<b>W4075E</b>	⊙	⊙	⊙	⊙	⊙	⊙	⊙						⊙	⊙			
<b>UD46FS</b>								○									
<b>UD46MB</b>								○									
<b>UD55MB</b>										○							
<b>UD55FS</b>											○						
<b>UD46DS</b>									○								
<b>UD55DS</b>												○					

⊙: Landscape/Portrait ○: Landscape only ●: Portrait only

# Samsung SMART Signage Signage Player Box

## "A Powerful, Fully-Integrated Solution to Enhance Content Management"

### Overview

While many standard video walls require a variety of additional equipment and programs, including a PC and media player for information processing, software for content management and a device for source switching, Samsung's Signage Player Box addresses all these needs in small, yet powerful, device to ensure seamless connectivity and simplification. This device integration reduces setup cost and complexity compared to video walls that require the use of individual devices and complex cable arrangement to achieve the same level of functionality.

As the Signage Player Box offers a PC and media player function through its embedded chip, Samsung SMART Signage Platform (SSSP), the all-in-one, versatile box

transforms the common video walls using its powerful Quad Core CPU for faster information processing and easy-to-use content management performance with MagicInfo S3. The enhanced performance, flexibility and convenience of Samsung's Signage Player Box enable you to improve your information delivery and boost revenue with brilliant, large-scale digital signage – all in a cost-efficient manner.



Figure 11. SBB-SS08E

### Specifications

			SBB-SS08EL1
Media Player	CPU		Cortex-A9 1GHz Quad Core CPU
	GPU		- 2D & 3D Graphics Engine - Up to 1920x1080. 32bpp - Supports OpenGL ES
	FDM/HDD/SSD		8GB (2.65GB Occupied by O/S, 5.35GB Available)
	Memory		1.5GB 48bit DDR3-933 (1866MHz)
	Ethernet		10/100Mbps (MDC)
	Connectivity	USB	USB 2.0 Port x 2
		Output	DVI Out
		Others	RJ-45, RS232 In/Out(Stereo), IR In, Audio In HDMI1, HDMI2, AV/COMPONENT
Operating System		Samsung Proprietary OS(VDLinux)	
Power	Type		Adapter
	Power Supply		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
	Power Consumption		TBD
Mechanical Spec	Dimension (mm/in.)	Set	321.6 x 224.7 x 40.3
		Package	432 x 269 x 95
	Weight (kg/lb)	Set	1.8
		Package	2.5
Operation	Operating Temperature		10°C~ 40°C (50°F ~ 104°F)
	Humidity		10~80%

# Samsung SMART Signage Signage Player Box

## "A Powerful, Fully-Integrated Solution to Enhance Content Management"

	DBD					DBE				DMD					DME				DHD			DHE						
	22	32	40	48	55	32	40	48	55	32	40	48	55	65	75	32	40	48	55	40	48	55	40	48	55			
Media Player Only	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
Daisy Chain Control						⊙	⊙	⊙	⊙							⊙	⊙	⊙	⊙				⊙	⊙	⊙			

	EDD					UDD		UDE						UED		QMD				
	32	40	46	55	65	75	46P	55	46A	55A	46B	55B	46C	55S	46P	55P	46	55	85	105
Media Player Only	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
Daisy Chain Control								⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙				

# Samsung SMART Signage Set-Back-Box (SBB)

## "Take display performance to the next level"

### Overview

Set-Back-Box (SBB) is a lean, performance-focused upgrade that adds functionality to displays with minimal bulk and wiring clutter. The product easily installs in the back of Samsung SMART Signage, which is typically equipped with screw holes to fix the SBB in place. In addition, SBB offers performance ranges from dual core to quad core.



Figure 12. SBB-A

### Specifications

		D16CX2	D32CX2	D32CV2	F32CV4	
Media Player	CPU	AMD® A4-3310M Dual-Core			AMD® AM3520 1.6GHz Quad-core	
	N/B	Integrated			None	
	S/B	Hudson-M3				
	GPU	AMD® Radeon HD6480G (Integrated on APU)			Integrated on APU	
	FDM/HDD/SSD	SSD 16GM	SSD 32GB			
	Memory	2GB (DDR3 SO-DIMM 2GB x 1)			4GB (DDR3 SO-DIMM 2GB x 2)	
	Ethernet	GbE Ethernet (RJ-45)				
	Connectivity	USB	USB 2.0 Port x 2, USB 3.0 Port x 2			
		Output	1st: Magicinfo Out (DP Port, Up-to 1080p), 2nd: DisplayPort®			
		Others	RJ-45, RS232 (D-SUB 9P)			
Operating System		Windows® Embedded Standard 2009		Windows® Embedded Standard 7		
Power	Type	Internal				
	Power Supply	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz				
	Power Consumption	70 W (Max) /27W (Typical)			70 W (Max) / 29W (Typical)	
Mechanical Spec	Dimension (mm/in.)	Set	310 x 219 x 32 (12.2 x 8.6 x 1.2)			
		Package	462 x 269 x 95 (18.1 x 10.5 x 3.7)			
	Weight (kg/lb)	Set	1.8			
		Package	2.5			
Operation	Operating Temperature	10°C~ 40°C (50°F ~ 104°F)				
	Humidity	10~80%				
Accessories		User Manual, Power Cord DP to DVI Cable (Short, Long)				

# Samsung SMART Signage Set-Back-Box (SBB)

## "Take display performance to the next level"

		SBB-N64DV4	SBB-N64DP4	SBB-N28DP4	SBB-B64DV4	SBB-B64DP4	SBB-B28DP4	SBB-B64DI4	
Media Player	CPU	Intel® Core i5-4400EQ (2.7GHz Dual, GT2)			AMD Bald Eagle RX425 (2.5GHz Quad)			AMD Bald Eagle RX425 (2.5GHz Quad)	
	N/B	Integrated							
	S/B	QM87			Bolton-E4				
	GPU	Intel HD4600			AMD R6 Graphics				
	FDM/HDD/SSD	SSD 64GB		SSD 128GB	SSD 64GB		SSD 128GB	SSD 64GB	
	Memory	4GB (DDR3 SO-DIMM 2GB x 2)							
	Ethernet	GbE Ethernet (RJ-45)							
	Connectivity	USB	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 (Up-to 3840x2160@30Hz) 2nd: Display Port Out (Up-to 3840x2160@60Hz) ※ Optimized for FHD Play or 1 UHD Image
		Others	RJ-45, RS232 (D-SUB 9P)						
Operating System	Windows Embedded Standard 7	Window 7 Professional		Windows Embedded Standard 7	Window 7 Professional		Windows Embedded 8.1 Industrial Pro (64bit)		
Power	Type	Internal							
	Power Supply	AC 100 – 240 V~ (+/- 10%), 50/60 Hz							
	Power Consumption	TBD						69W(Max) / 30W(Typical)	
Mechanical Spec	Dimension (mm/in.)	Set	310 x 219 x 32 (12.2 x 8.6 x 1.2)					321.6 x 224.7 x 40.3	
		Package	462 x 269 x 95 (18.1 x 10.5 x 3.7)					432 x 269 x 95	
	Weight (kg/lb)	Set	1.8 (3.9)					1.8	
		Package	2.5 (5.5)					2.5	
Operation	Operating Temperature	10°C~ 40°C (50°F ~ 104°F)							
	Humidity	10~80%							
Accessories		User Manual, Power Cord DP to DVI Cable (Short, Long)							

	ME	DE	UE	UD	MDC	DB	DM	DH	QM
All SBBs	○	○	○	○	○	○	○	○	○

# Samsung SMART Signage Plug-in-Module (PIM)

## "Upgrade to a familiar, user-friendly interface"

### Overview

Plug-in-Module (PIM) adds performance to Samsung SMART Signage, with a Windows operating system (OS) for a familiar user interface (UI) and high compatibility with third-party software. PIM partially embeds on the back of the compatible Samsung SMART Signage to minimize bulk on the rear side, and reduces wire clutter. The product follows the OPS slot standard.



Figure 13. PIM-B

### Specifications

		SBB-PD32BV2	SBB-PF32BV4	SBB-PF28BP4
<b>APU</b>		AMD A4-3310M 2.1GHz Dual-core (boost up to 2.5GHz) 256KB (L1) / 1MB (L2) Cache	AMD AM3520 1.6GHz Quad-core	
<b>Memory</b>		2GB (DDR3 SO-DIMM 2GB x 1)	4GB (DDR3 SO-DIMM 4GB x 1)	
<b>Storage</b>		SSD 32GB	SSD 32GB	
<b>Graphics</b>		Radeon HD6480 Series (Integrated on APU)	(Integrated on APU)	
<b>OS</b>		Window Embedded Standard 7	Window Embedded Standard 7	Window 7 Professional for Embedded Systems
<b>I/O Port</b>		80 pin OPS port / DisplayPort out / Gigabit Ethernet (RJ-45) / USB 2.0 Port x 2, USB 3.0 Port x 2 / Mic in, Audio out		
<b>Power</b>	<b>Power Consumption</b>	60W (MAX), 14W (Typical)	70W (MAX), 15W(Typical)	70W (MAX), 27 (Typical)
<b>Dimension (mm/in.)</b>	<b>Set</b>	200 x 175.6 x 34.4 (7.8 x 6.9 x 1.3)	200 x 175.6 x 34.4 (7.8 x 6.9 x 1.3)	200 x 175.6 x 34.4 (7.8 x 6.9 x 1.3)
	<b>Package</b>	430 x 250 x 55 (16.9 x 9.8 x 2.1)	430 x 250 x 55 (16.9 x 9.8 x 2.1)	430 x 250 x 55 (16.9 x 9.8 x 2.1)
<b>Weight (kg/lb)</b>	<b>Set</b>	1.2 (2.6)		
	<b>Package</b>	1.9 (4.1)		
<b>Operation</b>	<b>Operating Temperature</b>	10°C ~ 40°C (50°F ~ 104°F)		
	<b>Humidity</b>	10 ~ 80%		
<b>Certification</b>	<b>Safety</b>	UL/c-UL, CSA,TUV, NEMKO, KC, CCC		
	<b>EMC</b>	FCC class A, CE, VCCI, KCC, BSMI, C-Tick CCC		
	<b>Environment</b>	N/A		

	ME75	ME95	ED65	ED75	PE40	PE46	PE55	MD65	DM	DB	DH
<b>All PIMs</b>	○	○	○	○	○	○	○	○	○	○	○

# Samsung SMART Signage Signage Camera

## "Direct marketing messages to the intended audience with camera recognition"

### Overview

MagiInfo Audience Measurement solution included in the Samsung MagiInfo Server\* automatically collects customer recognition data with an incredible accuracy rate of 90 percent using the dedicated Samsung CY-SSC5000 camera.

The solution includes Dynamic Content Play feature which enables businesses to display targeted messaging on the SMART Signage to specific audiences. Plus, Data Statistics feature provides statistical data based on time and date along with age, gender and number of viewers.



Figure 14. CY-SSC5000

### Specifications

			CY-SSC5000
<b>Optical size</b>			1/4
<b>Weight (kg/lb)</b>	Pixel	Physical specifications	FHD (2M)
		Aspect ratio	16:9
		Pixels	1,920 x 1,080 @ 30fps (2M)
	Angle (horizontally / vertically)		57.7 / 34.6
	Focus point		1.2m
Focus area		0.8m~--	
<b>ISP</b>	White balance control		Auto
	Exposure control		Auto
<b>Encoder</b>	Format		H.264
	Profile		Main/Base/High Profile
	Resolution		Up to 1,080P @30fps
<b>Face recognition</b>	Resolution		864x486
	Angle(horizontally/vertically)		57.6 / 34.6
<b>Dimention</b>	Set Dimension (WxHxD)		60.0 x 122 (89) x 12.0 mm
	Package Dimension (WxHxD)		80.0 x 166.0 x 35.0 mm
<b>Operation</b>	Set Weight		0.1036 kg
	Package Weight		0.1606 kg

	DBE				DME						DHE			SBB		
	32	40	48	55	32	40	48	55	65	75	40	48	55	SBB-C	SBB-DA	SBB-DI
<b>CY-SSC5000</b>	○				○						○			○		



# Samsung SMART Signage Touch Overlay

## "Bring touch interactivity to the visual experience"

### Overview

Touch Overlay adds interactive touch capability to compatible Samsung SMART Signage, with multi-touch support. With Touch Overlay, a layer is placed over the panel surface for a better touch experience that allows the user's finger to slide along the surface more easily (unlike glossy display panels). The added layer also provides some protection against the external environment.

For Samsung D-Series displays, most of the touch functionality can be achieved even without an SBB or PIM, however, an SBB or PIM can be added to bring out the capabilities of Samsung MagicIWB®.



Figure 15. TM75LBC

### Specifications

		TM75LBC	TM32LCA	TM40LCA	TM46LCA	TM55LCC	TE65LCC
<b>Inch</b>		75"	32"	40"	46"	55"	65"
<b>Dimension (mm/in.)</b>	Set	1,737.2 x 1,015.5 x 25.5 (68.3 x 39.9 x 1)	752.4 x 446.3 x 32.1 (29.6 x 17.5 x 1.2)	939 x 551 x 32.1 (36.9 x 21.6 x 1.2)	1,076.1 x 628.5 x 32.1 (42.3 x 24.7 x 1.2)	1,267 x 735.7 x 32.1 (49.8 x 28.9 x 1.2)	1,518.2 x 893.2 x 45 (59.7 x 35.1 x 1.7)
	Package	1,892 x 1,136 x 267 (74.4 x 44.7 x 10.5)	842 x 535 x 102 (33.1 x 21 x 4)	1,029 x 640 x 102 (40.5 x 25.1 x 4)	1,187 x 738 x 102 (46.7 x 29 x 4)	1,377 x 844 x 102 (54.2 x 33.2 x 4)	1,654 x 1,012 x 265 (65.1 x 39.8 x 10.4)
<b>Weight (kg/lb)</b>	Set	21.1 (46.5)	4.2 (9.2)	5.8 (12.7)	7.3 (16)	9.5 (20.9)	22.2 (48.9)
	Package	32.2 (70.9)	5.4 (11.9)	7.1 (15.6)	9.2 (20.2)	12.2 (26.8)	29.4 (64.8)
<b>Glass Thickness</b>		3.2	2.8	2.8	2.8	2.8	3.2
<b>Glass Film</b>		AG(Front), PET(Rear)					
<b>Glass Reflection Rate</b>		≤10%					
<b>Glass Haze</b>		≤15%					
<b>Frame Material</b>		Aluminum Extrusion					
<b>Bezel width (mm/in.)</b>		42.7 (1.6)	26.5 (1)	23.6 (0.9)	26.5 (1)	26.5 (1)	43.2 (1.7)
<b>Touch Technology</b>		IR					
<b>Number of Simultaneous Touch</b>		6 Point	10 Drawing	10 Drawing	10 Drawing	6 Drawing	6 Drawing
<b>Response Time</b>			11ms	11ms	13ms	11ms	11ms

# Samsung SMART Signage Touch Overlay

## "Bring touch interactivity to the visual experience"

		TE75LCC	TE65ECC	TE75ECC	TP40LCA	TP46LCA	TP55LCC
<b>Inch</b>		75"	65"	75"	40"	46"	55"
<b>Dimension (mm/in.)</b>	Set	1,738.2 x 1,016.5 x 45 (68.3 x 40 x 1.7)	1,518.1 x 893.3 x 29.6 (59.7 x 35.1 x 1.1)	1,739.2 x 1,017.2 x 29.6 (68.4 x 40 x 1.1)	939 x 551 x 32.1 (36.9 x 21.6 x 1.2)	1,076.1 x 628.4 x 32.1 (42.3 x 24.7 x 1.2)	1,267 x 735.7 x 32.1 (49.8 x 28.9 x 1.2)
	Package	1,890 x 1,136 x 265 (74.4 x 44.7 x 10.4)	1,654 x 1,012 x 265 (65.1 x 39.8 x 10.4)	1,890 x 1,136 x 265 (74.4 x 44.7 x 10.4)	1,029 x 640 x 102 (40.5 x 25.1 x 4)	1,187 x 738 x 102 (46.7 x 20 x 4)	1,377 x 844 x 102 (54.2 x 33.2 x 4)
<b>Weight (kg/lb)</b>	Set	26.6 (58.6)	16.2 (35.7)	19.5 (42.9)	5.8 (12.7)	7.3 (16)	9.5 (20.9)
	Package	36.5 (80.4)	24.6 (54.2)	29.6 (65.2)	7.1 (15.6)	9.2 (20.2)	12.2 (26.8)
<b>Glass Thickness</b>		3.2	3.2	3.2	2.8	2.8	2.8
<b>Glass Film</b>		AG(Front), PET(Rear)					
<b>Glass Reflection Rate</b>		≤10%					
<b>Glass Haze</b>		≤15%					
<b>Frame Material</b>		Aluminum Extrusion					
<b>Bezel width (mm/in.)</b>		43.2 (1.7)	43.2 (1.7)	43.2 (1.7)	23.6 (0.9)	26.5 (1)	26.5 (1)
<b>Touch Technology</b>		IR					
<b>Number of Simultaneous Touch</b>		6 Drawing	1 Drawing 4 touch	1 Drawing 4 touch	10 Drawing	10 Drawing	6 Drawing
<b>Response Time</b>		11ms	TBD	TBD	11ms	14ms	11ms

		TD32LDAH	TD40LDAH	TD48LDAH	TD55LDAH	TD75LDAF	TD85LDAF
<b>Inch</b>		32"	40"	48"	55"	75"	85"
<b>Dimension (mm/in.)</b>	Set	755.9 x 449 x 30.9 (29.7 x 17.6 x 1.2)	945.1 x 558.5 x 30.9 (37.2 x 21.9 x 1.2)	1,120.6 x 659.4 x 26.8 (44.1 x 25.9 x 1)	1,276.1 x 764.9 x 26.8 (50.2 x 30.1 x 1)	1,739.2 x 1,017.2 x 29.6 (68.4 x 40 x 1.1)	1,949 x 1,130 x 45.7 (76.8 x 44.4 x 1.7)
	Package	842 x 535 x 102 (33.1 x 21 x 4)	1,029 x 640 x 102 (40.5 x 25.1 x 4)	1,217 x 797 x 116 (47.9 x 31.3 x 4.5)	1,367 x 879 x 128 (53.8 x 34.6 x 5)	1,890 x 1,136 x 265 (74.4 x 44.7 x 10.4)	2,114 x 1,301 x 276 (83.2 x 51.2 x 10.8)
<b>Weight (kg/lb)</b>	Set	4.4 (9.7)	6.1 (13.4)	7.9 (17.4)	9.8 (21.6)	19.5 (42.9)	27.5 (60.6)
	Package	5.1 (11.2)	7.2 (15.8)	10.4 (22.9)	12.6 (27.7)	29.6 (65.2)	40.5 (89.2)
<b>Glass Thickness</b>		2.8	2.8	2.8	2.8	3.2	3.2
<b>Glass Film</b>		AG(Front), PET(Rear)					
<b>Glass Reflection Rate</b>		≤10%					
<b>Glass Haze</b>		≤15%					
<b>Frame Material</b>		Aluminum Extrusion					
<b>Bezel width (mm/in.)</b>		28 (1.1)	30 (1.1)	32.7 (1.2)	32.7 (1.2)	37.9 (1.4)	39.9 (1.5)
<b>Touch Technology</b>		IR					
<b>Number of Simultaneous Touch</b>		2 Drawing 10 touch	2 Drawing 10 touch	2 Drawing 10 touch	2 Drawing 10 touch	2 Drawing 10 touch	1 Drawing 10 touch
<b>Response Time</b>		12ms	12ms	12ms	13ms	12ms	11ms

# Samsung SMART Signage Touch Overlay

"Bring touch interactivity to the visual experience"

	PE			ME					ED	
	40C	46C	55C	32C	40C	46C	55C	75C	65	75
TM75LBC								○		
TM32LCA				○						
TM40LCA					○					
TM46LCA						○				
TM55LCC							○			
TM65LCC									○	
TE75LCC										○
TE65ECC									○	
TE75ECC										○
TP40LCA	○									
TP46LCA		○								
TP55LCA			○							
TD32LDAH										
TD40LDAH										
TD48LDAH										
TD55LDAH										
TD75LDAF										
TD85LDAF										

	DB				DM				QM	
	32D	40D	48D	55D	32D	40D	48D	55D	75D	85D
TM75LBC										
TM32LCA										
TM40LCA										
TM46LCA										
TM55LCC										
TM65LCC										
TE75LCC										
TE65ECC										
TE75ECC										
TP40LCA										
TP46LCA										
TP55LCA										
TD32LDAH	○				○					
TD40LDAH		○				○				
TD48LDAH			○				○			
TD55LDAH				○				○		
TD75LDAF									○	
TD85LDAF										○

# Samsung SMART Signage Protection Overlay

## "Safeguard smart signage protection"

### Overview

Protection Overlay adds a protective glass surface on top of a display to safeguard the display from harm. The product offers extended protection for outdoor display installation environments that typically have heavy foot traffic.

If the surface of a display product is vandalized, users can simply replace the Protection Overlay, instead of incurring the expense of replacing the entire display unit.

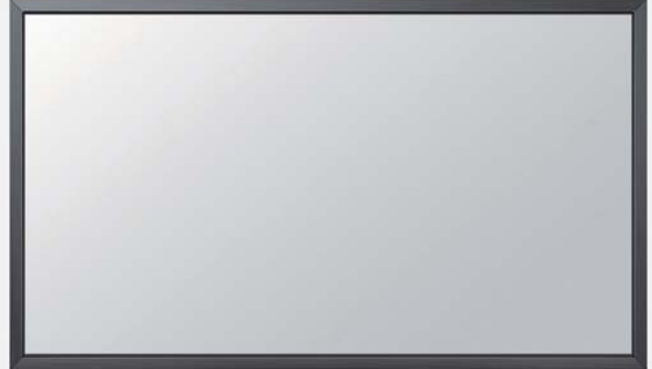


Figure 16. CY-PP40

### Specifications

		CY-PP40	CY-PP46	CY-PP55
<b>Inch</b>		40"	46"	55"
<b>Dimension (mm/in.)</b>	Set	939 x 551 x 20 (36.9 x 21.6 x 0.7)	1076.1 x 628.5 x 20 (42.3 x 24.7 x 0.7)	1,267 x 735.7 x 20 (29.8 x 28.9 x 0.7)
	Package	1,029 x 640 x 87 (40.5 x 25.1 x 3.4)	1,198 x 738 x 87 (46.7 x 29 x 3.4)	1,377 x 844 x 87 (54.2 x 33.2 x 3.4)
<b>Weight (kg/lb)</b>	Set	5 (11)	6.3 (13.8)	8.1 (17.8)
	Package	6.3 (13.8)	8.4 (18.5)	11 (24.2)
<b>Glass Thickness</b>		2.8		
<b>Glass Film</b>		AG(front), PET(rear)		
<b>Glass Reflection Rate</b>		≤10%		
<b>Glass Haze</b>		≤15%		
<b>Frame Material</b>		Aluminum Extrusion		
<b>Bezel width (mm/in.)</b>		22 (0.8)		

	PE		
	40C	46C	55C
<b>CY-PP40</b>	○		
<b>CY-PP46</b>		○	
<b>CY-PP55</b>			○

# Samsung SMART Signage Outdoor Encloser

## “Simplify outdoor signage installation with a simple and thin enclosure”

### Overview

OHD Series is conveniently and easily installed, designed and operated with a thin and complete all-in-one solution. The package includes ingress protection, anti-reflection technology, vandalism protection and a highly efficient cooling system, all of which are assembled mechanically and perfectly. The system revolutionizes outdoor signage design by eliminating the need for additional air conditioning systems and thick enclosures to accommodate the full display package. The simple OHD Series display enclosure requires no additional parts, so it is virtually simplest and thinnest outdoor signage enclosure in the market.



Figure 17. STN-E46D

### Specifications

		STN-E46D	STN-E55D
<b>Installation orientation</b>		Portrait	Portrait
<b>Dimension(mm) (W x H x D)</b>	Set	623 x 1757 x 600	730.8 x 1948.6 x 600
	Package	1194 x 737 x 481	1425 x 870 x 501
<b>Weight (kg)</b>	Top	43.3kg	51.4kg
	Side	51.9kg	64kg
<b>Minimum depth(mm)</b>		131mm	131mm
<b>Recommended Usage</b>		1 x #	1 x #
		OHD	
		46	55
<b>STN-E46D</b>		●	
<b>STN-E55D</b>			●

● : Landscape/Portrait ○ : Landscape only ● : Portrait only

# Samsung SMART Signage Color Bezel

## "Improve ambiance with customizable bezel colors"

### Overview

Available exclusively for Samsung D-series displays, Color Bezel allows the displays to take on a different ambience to suit the customer's preference or the environment. Color Bezel is available in a variety of hues for customized expression.



Figure 18. CY-BD40BD



Figure 19. CY-BD40WD

### Specifications

		CY-BD40BD	CY-BD46BD	CY-BD55BD	CY-BD40WD	CY-BD46WD	CY-BD55WD
<b>Color</b>		Black	Black	Black	White	White	White
<b>Dimension (mm/in.)</b>	<b>Top</b>	913.2 x 23.2 x 39.2 (35.9 x 0.9 x 1.5)	1,081.7 x 23.1 x 39.2 (42.5 x 0.9 x 1.5)	1,237.2 x 23.2 x 39.2 (48.7 x 0.9 x 1.5)	913.2 x 23.2 x 39.2 (35.9 x 0.9 x 1.5)	1,081.7 x 23.1 x 39.2 (42.5 x 0.9 x 1.5)	1,237.2 x 23.2 x 39.2 (48.7 x 0.9 x 1.5)
	<b>Bottom</b>	913.2 x 23.8 x 39.2 (35.9 x 0.9 x 1.5)	1,081.7 x 23.8 x 39.9 (42.5 x 0.9 x 1.5)	1,237.2 x 23.8 x 39.9 (48.7 x 0.9 x 1.5)	913.2 x 23.8 x 39.2 (35.9 x 0.9 x 1.5)	1,081.7 x 23.8 x 39.9 (42.5 x 0.9 x 1.5)	1,237.2 x 23.8 x 39.9 (48.7 x 0.9 x 1.5)
	<b>Side</b>	497.8 x 23.2 x 39.2 (19.5 x 0.9 x 1.5)	592.5 x 23.2 x 39.2 (23.3 x 0.9 x 1.5)	680 x 23.2 x 39.2 (26.7 x 0.9 x 1.5)	497.8 x 23.2 x 39.2 (19.5 x 0.9 x 1.5)	592.5 x 23.2 x 39.2 (23.3 x 0.9 x 1.5)	680 x 23.2 x 39.2 (26.7 x 0.9 x 1.5)
<b>Weight (kg/lb)</b>		0.57 (1.2)	0.68 (1.5)	0.75 (1.6)	0.57 (1.2)	0.68 (1.4)	0.75 (1.6)

	DB			DM			DH		
	40	46	55	40	46	55	40	46	55
TM75LBC	○			○			○		
TM32LCA		○			○			○	
TM40LCA			○			○			○
TM46LCA	○			○			○		
TM55LCC		○			○			○	
TM65LCC			○			○			○

# Samsung SMART Signage PIM-HDBT

## "Provide streamlined connectivity to a video source"

### Overview

Samsung PIM-HDBT combines two elements: Plug-in-Module (PIM), a slim, cable-less extension that enhances display functionalities, and HDBaseT™ (HDBT), a connectivity standard for transmission of uncompressed full high definition (FHD) multimedia content through a single Local Area Network (LAN) cable. The PIM-HDBT enables all-in one connection between an HD video source and remote displays.

### Simplified video source connectivity

The Samsung PIM-HDBT provides FHD media content over long distances of up to 100m or 328 ft without image-quality degradation through a single LAN cable. The simplified set up allows media to be easily streamed over several stories of a building or a convention center without wire clutter. This also reduces TCO by eliminating the need to purchase, install and maintain multiple cables, or additional repeaters and amplifiers. Plus, HDBT technology is compatible with other devices on the market that implement the HDBT standard for flexible, expanded use.



Figure 20. PIM-HDBT

### Specifications

		PIM-HDBT							
<b>HDBT chipset</b>		Valens® VS100RX							
<b>Input/output</b>	80-pin OPS out	PIM port support							
	Ethernet	10/100 Ethernet output port							
	HDBT	8-pin RJ45 female, shielded							
<b>Energy consumption</b>		Less than 10 watts							
<b>Mechanical</b>	Dimension (mm/in.)	200 x 175.6 x 34.4 (7.87 x 6.91 x 1.35)							
	Weight (kg/lb)	1.2 (2.65)							
		DM65D	DM75D	ED65D	ED75D	ME75C	ME95C	DHD	PEC
<b>All PIMs-HDBTs</b>		○	○	○	○	○	○	○	○

# Samsung SMART Signage Magic Presenter

## "Deliver dynamic presentations on digital displays"

### Overview

Samsung Magic Presenter is a laserless presentation tool that can point onto large digital displays unlike conventional laser pointers which are unresponsive on such surfaces. Instead of using a laser, Magic Presenter digitally creates a pointer on the presentation source device, making it ideal for use in today’s digital world when presenting and collaborating.

### A digital, laserless presentation tool

Samsung Magic Presenter enables presenters to point on screens including digital displays, while eliminating the risk of eye injury due to its laserless technology. With Magic Presenter a user can move about freely without worrying about it being blocked to provide a more dynamic presentation. Easily set up Magic Presenter by plugging the included dongle into smart signage or a PC USB port for immediate wireless use. And, users can customize the pointers shape, color, size and speed for more personal, intuitive experience for more focus on the presentation instead of controls.



Figure 21. Magic Presenter

### Specifications

		Magic Presenter
<b>Power Source</b>		Battery AAA*2
<b>Wireless Technology</b>		Bluetooth® 3.0
<b>On-device buttons</b>		Mode button, Pointer button, Left button, Right button
<b>Operating condition</b>	Operating temperature	10 ~ 40°C (50°F ~ 104°F)
	Working distance	10 m
	Working angle	360°
	Working hours	Approx. 40hrs
<b>Mechanical</b>	Dimension (mm/in.)	28 x 136 x 19 (1.1 x 5.3 x 0.7)
	Weight (g/oz.)	w/o battery: 41 (1.4) w/ battery: 65 (2.1)
<b>Included in package</b>		Pointer, Dongle, User Manual, Battery AAA*2, Warranty Card, MagicPresenter S/W(in Dongle)

		PC running Windows®XP/Vista/7 OS Samsung D-Series Smart Signage
<b>Magic Presenter</b>		○



## Legal and additional information

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### For more information

For more information about the Samsung SMART Signage Accessories and Peripherals, visit [www.samsung.com/business](http://www.samsung.com/business) or [www.samsung.com/displaysolutions](http://www.samsung.com/displaysolutions).

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