

Your Future. On Display.

SAMSUNG SMART SIGNAGE SOLUTION



SAMSUNG DISPLAY SOLUTION

SAMSUNG



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Your Future. On Display.

What does the future look like? Samsung Electronics understands that the future holds endless potential and exciting possibilities. At Samsung, the future is now, and it comes to life through a range of innovative display solutions. Displays tell our stories, amplify ideas and improve life. We have the power to turn vision into reality, showcase a world of action and shape the future.



LED



OUTDOOR

Versatile Technologies. On Display.



VIDEO WALL



E-BOARD

Samsung's wide-ranging SMART Signage lineup elevates the conventional viewing experience through realistic and compelling content. Backed by best-in-class picture quality, these displays bring creative ideas to life, and enable businesses in any space to deliver refreshing content that engages, informs and entertains. By removing common communication barriers, Samsung's SMART Signage invites customers to become a part of their environment, rather than simply be a passer-by.

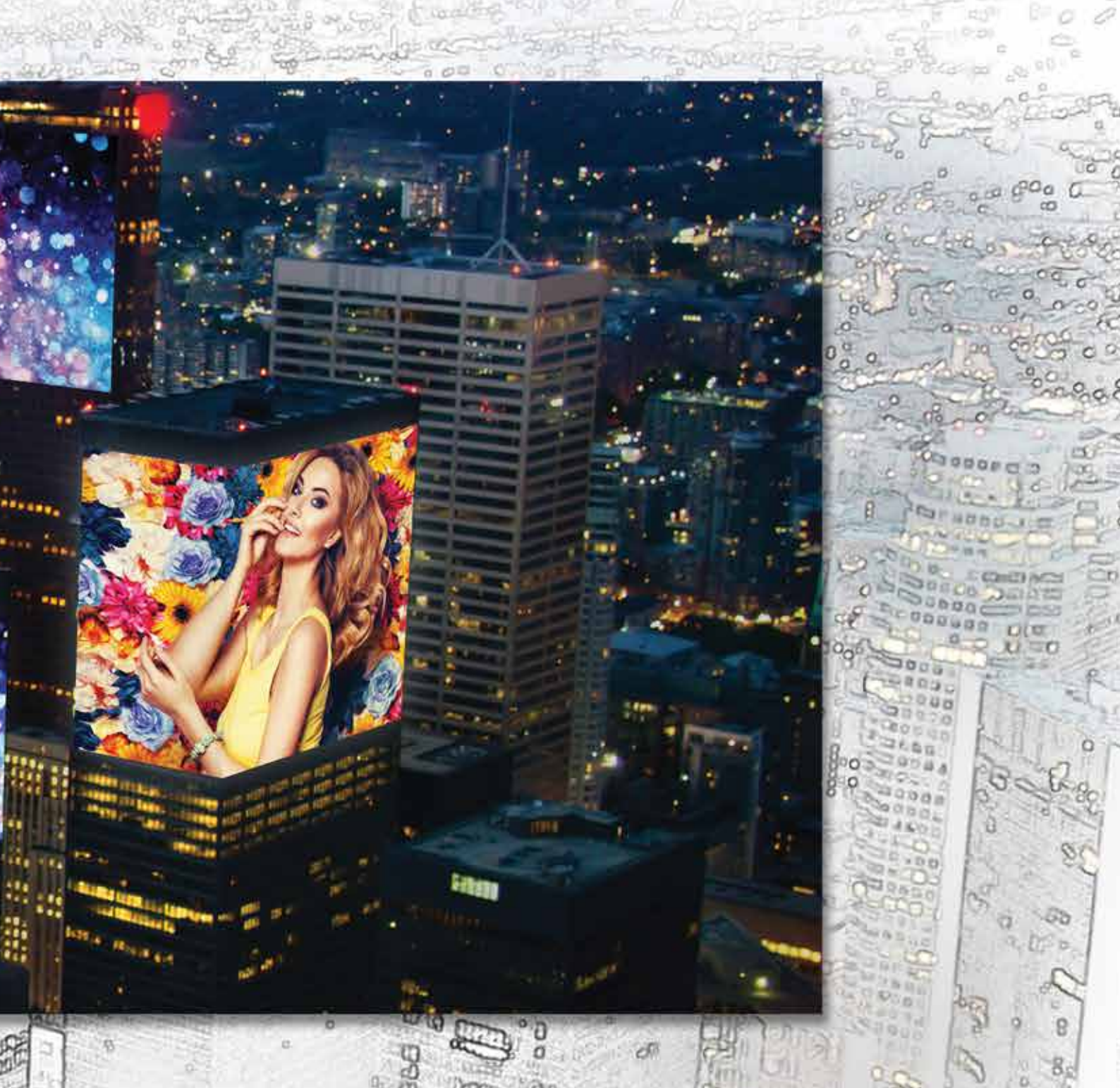
Durable and reliably designed to match the needs of any business, Samsung's SMART Signage is the ideal showcase for any business or customer vision, and the foundation for a future that is bigger, bolder and brighter.



LED

Brilliant Imagination. On Display.

Inspire bright and bold creativity through immersive LED signage

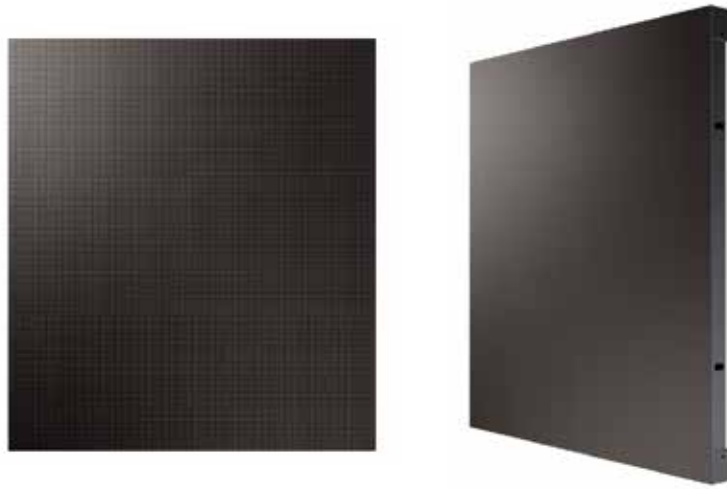


As indoor and outdoor environments become more crowded, more businesses are turning to versatile LED displays to capture customer attention.

Samsung's SMART LED Signage combines best-in-class picture quality with a reliable design to empower future-thinking businesses to reach the next level. Our LED displays align color calibration, video processing and content creation tools to produce more brilliant visual expression. With assistance from Samsung's dedicated support team, users can achieve a seamless, uninterrupted viewing experience customized for their unique visions and ideas.

Samsung's SMART LED Signage –
Fostering imagination through more impactful and realistic viewing.

LED-FINE PIXEL PITCH



Dazzling Free



Scene Adaptive
HDR



Dynamic Peaking

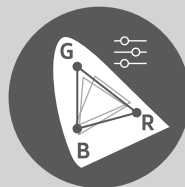
LED HDR

Real-time
optimization for
perfect content
presentation



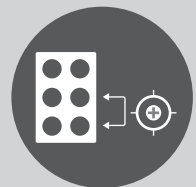
ADVANCED GRAYSCALE

Accurate color
display at low
grayscale levels



MULTI-GAMUT

Detailed and
customized color
presentation



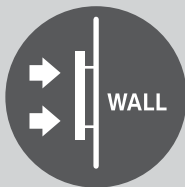
PERFECT CALIBRATION

Fine-tuning for
consistent and
uniform content
delivery



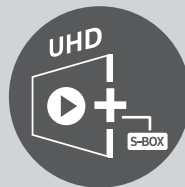
SLIM AND LIGHT DESIGN

A compact design for
flexible installation



FULL-FRONT AND REAR ACCESS

Neat, catwalk-free
installation for
quick-turn
maintenance



UHD S-BOX COMPATIBILITY

Simpler and more
cost-efficient UHD
content delivery



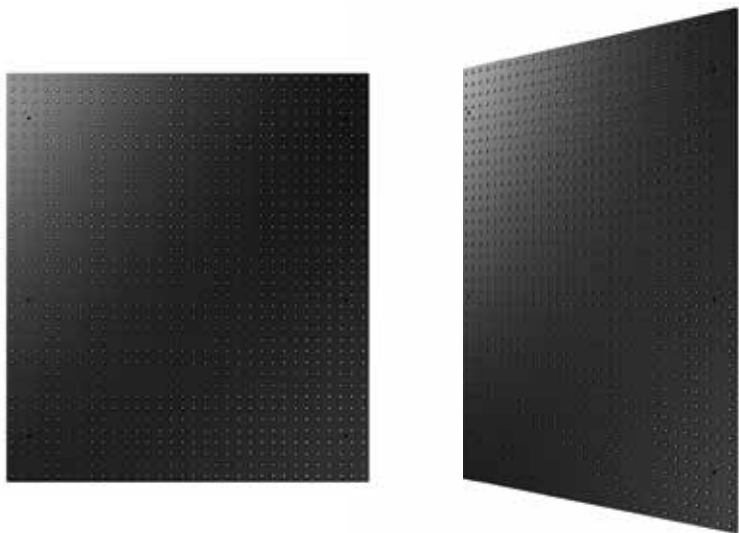
MAGICINFO

A centralized
platform for
convenient and
intuitive content
management

SPECIFICATIONS | LED-FINE PIXEL PITCH

SERIES		IF015H	IF020H	IF025H
Physical Parameter	Pixel Pitch	1.5 mm	2.0 mm	2.5 mm
	Pixel Configuration	1 Red, 1 Green, 1 Blue	1 Red, 1 Green, 1 Blue	1 Red, 1 Green, 1 Blue
	Pixel Density	444,444 m ² / 41,290 ft ²	250,000 m ² / 23,225 ft ²	160,000 m ² / 14,864 ft ²
	Cabinet/Module Configuration (LxH)	320 x 360 pixels	240x270 pixels	192x216 pixels
	Diode Type	Surface Mount Device (SMD)	Surface Mount Device (SMD)	Surface Mount Device (SMD)
	Dimensions (LxHxD)	480 x 540 x 65 mm (per cabinet)	480x540x65 mm (per cabinet)	480x540x65 mm (per cabinet)
	Weight	TBD	TBD	TBD
Optical Parameter	Max Brightness (After Calibration)	800 nit	1,200nit	1,200 nit
	Peak Brightness	TBD	TBD	TBD
	Contrast Ratio	TBD	TBD	TBD
	Dynamic Contrast Ratio	TBD	TBD	TBD
	Viewing angle - Horizontal	160°	160°	160°
	Viewing angle - Vertical	TBD	TBD	TBD
	Bit Depth	14.5bit per Color	14.5bit per Color	14.5bit per Color
	Color Wavelength	Red: 630nm, Green: 530nm, Blue: 468nm	Red: 630nm, Green: 530nm, Blue: 468nm	Red: 630nm, Green: 530nm, Blue: 468nm
	Color temperature - Default	6,500K	6,500K	6,500K
	Color temperature - Adjustable	2,800 - 10,000K	2,800 ~ 10,000K	2,800 - 10,000K
	Color Gamut	100% NTSC	100% NTSC	100% NTSC
	Color Mode Setting	Adobe RGB/ s RGB / LED Natural mode	Adobe RGB/ s RGB / LED Natural mode	Adobe RGB/ s RGB / LED Natural mode
Electrical Parameter	Video Rate	50/60 Hz	50/60 Hz	50/60 Hz
	Input Power Range	100~240 VAC, 50/60 Hz	100~240 VAC, 50/60 Hz	100~240 VAC, 50/60 Hz
	Power consumption - Max(W/m ²)	TBD	TBD	TBD
	Power consumption - Typical(W/m ²)	TBD	TBD	TBD
	Heat generation - Max(BTU/SF)	TBD	TBD	TBD
	Heat generation - Average (BTU/SF)	TBD	TBD	TBD
	Refresh rate	TBD	TBD	TBD
Operation Conditions	Working Temperature	0°C~40°C (32°F to 104°F)	0°C~40°C (32°F to 104°F)	0°C~40°C (32°F to 104°F)
	IP Rating	IP20	IP20	IP20
	LED Lifetime	100,000 hours	100,000 hours	100,000 hours
Certification	Certification	EMC Class A, Safety 60950	EMC Class A, Safety 60950	EMC Class A, Safety 60950
Test	Earthquake Test	gr-63-core 5.4.1 earthquake test zone 4 level	gr-63-core 5.4.1 earthquake test zone 4 level	gr-63-core 5.4.1 earthquake test zone 4 level
Service	Service	Front Service and/or Rear Service	Front Service and/or Rear Service	Front Service and/or Rear Service
Package	Box Dimension (LxHxD)	TBD	TBD	TBD
	Box Volume (m3)	TBD	TBD	TBD
	Package Weight	TBD	TBD	TBD

LED-INDOOR



EXCELLENT PICTURE QUALITY

Crisp and clear video
content with high refresh
rate and superior contrast



TWO-STEP CALIBRATION

Consistent and accurate
color presentation through
specialized two-step tuning



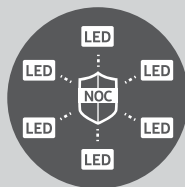
CUSTOMIZABLE DESIGN

Engineered to meet specific
customer needs



END-TO-END PROJECT MANAGEMENT

Centralized customer
support for every stage of
implementation



PROACTIVE MAINTENANCE

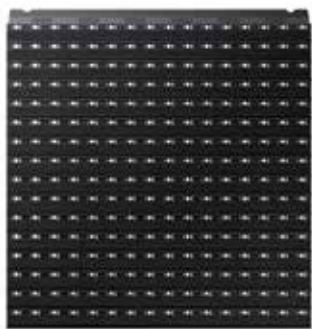
Detect and prevent potential
performance errors to ensure
continuous performance.

SPECIFICATIONS | LED - INDOOR

SERIES		IPS030	IPS040	IPS059	IPS060	IPS080	IPS100	IPS110	IPS120	IPS160
Physical Parameter	Pixel Pitch	3.175mm (.125") centers	4.1275mm (.1625") centers	5.9944mm (.236") centers	6.35mm (.25") centers	8.255mm (.325") centers	10.32mm (.400") centers	10.16mm (.400") centers	12.7mm (.5") centers	16.51mm (.65") centers
	Pixel Configuration	1 Red, 1 Green, 1 Blue	1 Red, 1 Green, 1 Blue	1 Red, 1 Green, 1 Blue	1 Red, 1 Green, 1 Blue	1 Red, 1 Green, 1 Blue	1 Red, 1 Green, 1 Blue	1 Red, 1 Green, 1 Blue	1 Red, 1 Green, 1 Blue	1 Red, 1 Green, 1 Blue
	Pixel Density	99,200 m ² / 9,216 ft ²	58,698 m ² / 5,453 ft ²	27,830 m ² / 2,586 ft ²	24,800 m ² / 2,304 ft ²	14,675 m ² / 1,363 ft ²	9,688 m ² / 900 ft ²	9,688 m ² / 900 ft ²	6,200 m ² / 576 ft ²	3,669 m ² / 341 ft ²
	Diode Density	297,600 m ² / 27,648 ft ²	176,094 m ² / 16,359 ft ²	83,490 m ² / 7,758 ft ²	74,400 m ² / 6,912 ft ²	44,025 m ² / 4,089 ft ²	29,064 m ² / 2,700 ft ²	29,064 m ² / 2,700 ft ²	18,600 m ² / 1,728 ft ²	11,007 m ² / 1,023 ft ²
	Module Configuration (LxH)	64x72 pixels	64x72 pixels	32x36 pixels	32x36 pixels	32x36 pixels	32x16 pixels	16x16 pixels	16x16 pixels	16x16 pixels
	Diode Type	Surface Mount Device (SMD)	Surface Mount Device (SMD)	Surface Mount Device (SMD)	Surface Mount Device (SMD)	Surface Mount Device (SMD)	Surface Mount Device (SMD)	Surface Mount Device (SMD)	Surface Mount Device (SMD)	Surface Mount Device (SMD)
	Dimensions (LxH) (per module)	203x229 mm	264x297 mm	192x216 mm	203x229 mm	264x297 mm	330x165 mm	165x165 mm	203x203 mm	264x264 mm
	Weight (per module)	0.34kg	0.52kg	0.31kg	0.32kg	0.50kg	0.27kg	0.27kg	0.27kg	0.44kg
	Cabinet Construction	All aluminum construction	All aluminum construction	All aluminum construction	All aluminum construction	All aluminum construction	All aluminum construction	All aluminum construction	All aluminum construction	All aluminum construction
Optical Parameter	Brightness	2,000 nit	2,000 nit	2,000 nit	2,000 nit	2,000 nit	2,000 nit	2,000 nit	2,000 nit	2,000 nit
	Contrast Ratio	6,000:1	15,000:1	11,000:1	11,500:1	13,000:1	8,000:1	8,000:1	19,000:1	13,000:1
	Viewing angle - Horizontal	160° (+/- 80°)	160° (+/- 80°)	160° (+/- 80°)	160° (+/- 80°)	160° (+/- 80°)	160° (+/- 80°)	160° (+/- 80°)	160° (+/- 80°)	160° (+/- 80°)
	Viewing angle - Vertical	160° (+/- 80°)	160° (+/- 80°)	160° (+/- 80°)	160° (+/- 80°)	160° (+/- 80°)	160° (+/- 80°)	160° (+/- 80°)	160° (+/- 80°)	160° (+/- 80°)
	Number of colors	281 trillion colors	281 trillion colors	281 trillion colors	281 trillion colors	281 trillion colors	281 trillion colors	281 trillion colors	281 trillion colors	281 trillion colors
	Gray Scale Intensity	65,536 levels of red, green, and blue	65,536 levels of red, green, and blue	65,536 levels of red, green, and blue	65,536 levels of red, green, and blue	65,536 levels of red, green, and blue	65,536 levels of red, green, and blue	65,536 levels of red, green, and blue	65,536 levels of red, green, and blue	65,536 levels of red, green, and blue
	Color temperature - Default	6,500K	6,500K	6,500K	6,500K	6,500K	6,500K	6,500K	6,500K	6,500K
	Color temperature - Adjustable	4,500 - 9,000K	4,500 - 9,000K	4,500 - 9,000K	4,500 - 9,000K	4,500 - 9,000K	4,500 - 9,000K	4,500 - 9,000K	4,500 - 9,000K	4,500 - 9,000K
	Input Power Range	120/240 volts, 50/60 Hz	120/240 volts, 50/60 Hz	120/240 volts, 50/60 Hz	120/240 volts, 50/60 Hz	120/240 volts, 50/60 Hz	120/240 volts, 50/60 Hz	120/240 volts, 50/60 Hz	120/240 volts, 50/60 Hz	120/240 volts, 50/60 Hz
Electrical Parameter	Power consumption - Max	892.8 (W/m ²) / 82.9 (W/ft ²)	528.3 (W/m ²) / 49.1 (W/ft ²)	571 (W/m ²) / 53 (W/ft ²)	570 (W/m ²) / 53 (W/ft ²)	543 (W/m ²) / 50.4 (W/ft ²)	494 (W/m ²) / 45.9 (W/ft ²)	494 (W/m ²) / 45.9 (W/ft ²)	490 (W/m ²) / 45.5 (W/ft ²)	474 (W/m ²) / 44.1 (W/ft ²)
	Power consumption - Typical	223.2 (W/m ²) / 20.7 (W/ft ²)	132 (W/m ²) / 12.3 (W/ft ²)	133 (W/m ²) / 13.2 (W/ft ²)	142 (W/m ²) / 13.2 (W/ft ²)	190 (W/m ²) / 21.3 (W/ft ²)	123.5 (W/m ²) / 11.5 (W/ft ²)	123.5 (W/m ²) / 11.5 (W/ft ²)	143 (W/m ²) / 13.2 (W/ft ²)	142 (W/m ²) / 13.2 (W/ft ²)
Operation Conditions	Refresh rate	10,500hz	10,500hz	49,920hz	10,500hz	49,920hz	49,920hz	49,920hz	49,920hz	49,920hz
	Working Temperature	-32°C to 55°C (-30°F to 131°F)	-32°C to 55°C (-30°F to 131°F)	-32°C to 55°C (-30°F to 131°F)	-32°C to 55°C (-30°F to 131°F)	-32°C to 55°C (-30°F to 131°F)	-32°C to 55°C (-30°F to 131°F)	-32°C to 55°C (-30°F to 131°F)	-32°C to 55°C (-30°F to 131°F)	-32°C to 55°C (-30°F to 131°F)
	Cooling	Quiet running vent fans	Quiet running vent fans	Quiet running vent fans	Quiet running vent fans	Quiet running vent fans	Quiet running vent fans	Quiet running vent fans	Quiet running vent fans	Quiet running vent fans
	IP Rating	IP50	IP50	IP50	IP50	IP50	IP50	IP50	IP50	IP50
	LED Lifetime	80,000 hours	80,000 hours	100,000 hours	80,000 hours	100,000 hours	100,000 hours	100,000 hours	100,000 hours	100,000 hours
Certification	Certification	CE, UL / ULC listed	CE, UL / ULC listed	CE, UL / ULC listed	CE, UL / ULC listed	CE, UL / ULC listed	CE, UL / ULC listed	CE, UL / ULC listed	CE, UL / ULC listed	CE, UL / ULC listed
Service	Service	Front Service and/or Rear Service	Front Service and/or Rear Service	Front Service and/or Rear Service	Front Service and/or Rear Service	Front Service and/or Rear Service	Front Service and/or Rear Service	Front Service and/or Rear Service	Front Service and/or Rear Service	Front Service and/or Rear Service

SERIES		IPE030	IPE040	IPE060
Physical Parameter	Pixel Pitch	3.175mm (.125") centers	4.1275mm (.1625") centers	6.35mm (.25") centers
	Pixel Configuration	1 Red, 1 Green, 1 Blue	1 Red, 1 Green, 1 Blue	1 Red, 1 Green, 1 Blue
	Pixel Density	99,200 m ² / 9,216 ft ²	58,698 m ² / 5,453 ft ²	24,800 m ² / 2,304 ft ²
	Diode Density	297,600 m ² / 27,648 ft ²	176,094 m ² / 16,359 ft ²	74,400 m ² / 6,912 ft ²
	Module Configuration (LxH)	64x72 pixels	64x72 pixels	32x36 pixels
	Diode Type	Surface Mount Device (SMD)	Surface Mount Device (SMD)	Surface Mount Device (SMD)
	Dimensions (LxH) (per module)	203x229 mm	264x297 mm	203x229 mm
	Weight (per module)	0.34kg	0.52kg	0.32kg
	Cabinet Construction	All aluminum construction	All aluminum construction	All aluminum construction
Optical Parameter	Brightness	2,000 nit	1,800 nit	1,400 nit
	Contrast Ratio	6,000:1	13,500:1	8,000:1
	Viewing angle - Horizontal	160° (+/- 80°)	160° (+/- 80°)	160° (+/- 80°)
	Viewing angle - Vertical	160° (+/- 80°)	160° (+/- 80°)	160° (+/- 80°)
	Number of colors	281 trillion colors	281 trillion colors	281 trillion colors
	Gray Scale Intensity	65,536 levels of red, green, and blue	65,536 levels of red, green, and blue	65,536 levels of red, green, and blue
	Color temperature - Default	6,500K	6,500K	6,500K
	Color temperature - Adjustable	4,500 - 9,000K	4,500 - 9,000K	4,500 - 9,000K
	Input Power Range	120/240 volts, 50/60 Hz	120/240 volts, 50/60 Hz	120/240 volts, 50/60 Hz
Electrical Parameter	Power consumption- Max	892.8 (W/m ²) / 82.9 (W/ft ²)	660.4 (W/m ²) / 61.3 (W/ft ²)	644 (W/m ²) / 59.8 (W/ft ²)
	Power consumption - Typical	223.2 (W/m ²) / 20.7 (W/ft ²)	165 (W/m ²) / 15.3 (W/ft ²)	161 (W/m ²) / 14.9 (W/ft ²)
Operation Conditions	Refresh rate	10,500hz	10,500hz	10,500hz
	Working Temperature	-32°C to 55°C (-30°F to 131°F)	-32°C to 55°C (-30°F to 131°F)	-32°C to 55°C (-30°F to 131°F)
	Cooling	Quiet running vent fans	Quiet running vent fans	Quiet running vent fans
	IP Rating	IP50	IP50	IP50
	LED Lifetime	60,000 hours	60,000 hours	60,000 hours
Certification	Certification	CE, UL / ULC listed	CE, UL / ULC listed	CE, UL / ULC listed
Service	Service	Front Service and/or Rear Service	Front Service and/or Rear Service	Front Service and/or Rear Service

LED-OUTDOOR



CUSTOM LED (XPS)

- Customizable Design
- Ultra-High Refresh Rate
- Cabinet Design Deters Light Interference
- Two-Step Pixel-by-Pixel Calibration



LED IN A BOX (XB)

- All-In-One Signage Package
- Uni-Body Aluminum Cabinet
- Banner Content Management Solution
- Easy way to Create, Schedule and Monitor Content



SPORT PERIMETER (XR100F)

- High Brightness & Refresh Rate
- Wide Viewing Angle
- Top Protection Cushion
- Soft Rubber Mask for Safety



A VERSATILE OUTDOOR SOLUTION

Accommodates the demands
of any outdoor environment
and customer base



HIGH BRIGHTNESS

Engage viewers with excellent
content visibility



UNWAVERING RELIABILITY

Environmentally tested
to ensure long-lasting
performance

SPECIFICATIONS | LED-OUTDOOR

SERIES		XPS060	XPS080	XPS100	XPS110	XPS120	XPS150	XPS160	XPS200	XPS250
Physical Parameter	Pixel Pitch	6.35mm (.25") centers	8.255mm (.325") centers	10.32mm (.40625") centers	10.32mm (.40625") centers	12.7mm (.5") centers	16.5mm (.65") centers	16.5mm (.65") centers	20.6mm (.8125") centers	25.4mm (1.0") centers
	Pixel Configuration	1 Red, 1 Green, 1 Blue	1 Red, 1 Green, 1 Blue	1 Red, 1 Green, 1 Blue	1 Red, 1 Green, 1 Blue	1 Red, 1 Green, 1 Blue	1 Red, 1 Green, 1 Blue	1 Red, 1 Green, 1 Blue	1 Red, 1 Green, 1 Blue	1 Red, 1 Green, 1 Blue
	Pixel Density	24,800 m² / 2,313 ft²	14,675 m² / 1,363 ft²	9,392 m² / 876 ft²	9,392 m² / 876 ft²	6,200 m² / 576 ft²	3,669 m² / 344 ft²	3,669 m² / 344 ft²	2,350 m² / 218 ft²	1,550 m² / 144 ft²
	Diode Density	74,400 m² / 6,939 ft²	44,025 m² / 4,089 ft²	28,176 m² / 2,628 ft²	28,176 m² / 2,628 ft²	18,600 m² / 1,728 ft²	11,007 m² / 1,032 ft²	11,007 m² / 1,032 ft²	7,050 m² / 654 ft²	4,652 m² / 432 ft²
	Module Configuration (LxH)	32x32 pixels	32x36 pixels	32x16 pixels	16x16 pixels	16x16 pixels	16x16 pixels	16x16 pixels	16x8 pixels	16x8 pixels
	Diode Type	Surface Mount Device (SMD)	Surface Mount Device (SMD)	Surface Mount Device (SMD)	Surface Mount Device (SMD)	Surface Mount Device (SMD)	Surface Mount Device (SMD)	Discrete lamp	Discrete lamp	Discrete lamp
	Dimensions (LxH) (per module)	203x203 mm	264x297 mm	330x165 mm	165x165 mm	203x203 mm	264x264 mm	264x264 mm	330x165 mm	406x203 mm
	Weight (per module)	0.54kg	1.0kg	0.69kg	0.69kg	0.61kg	0.95kg	1.16kg	0.95kg	1.38kg
	Cabinet Construction	All aluminum construction	All aluminum construction	All aluminum construction	All aluminum construction	All aluminum construction	All aluminum construction	All aluminum construction	All aluminum construction	All aluminum construction
Optical Parameter	Brightness	9,000 nit	9,000 nit	9,000 nit	9,000 nit	9,000 nit	7,500 nit	9,000 nit	9,000 nit	7,500 nit
	Contrast Ratio	11,000:1	11,000:1	13,000:1	13,000:1	18,000:1	21,000:1	11,000:1	12,000:1	12,000:1
	Viewing angle - Horizontal	160° (+/- 80°)	160° (+/- 80°)	160° (+/- 80°)	160° (+/- 80°)	160° (+/- 80°)	160° (+/- 80°)	160° (+/- 80°)	160° (+/- 80°)	160° (+/- 80°)
	Viewing angle - Vertical	95° (+40/- 55°)	101° (+38.5/- 62.5°)	65° (+15/- 50°)	65° (+15/- 50°)	72° (+16°/- 56°)	75° (+17°/- 58°)	77° (+25°/- 52°)	59° (+17°/- 42°)	76° (+23°/- 53°)
	Number of colors	281 trillion colors	281 trillion colors	281 trillion colors	281 trillion colors	281 trillion colors	281 trillion colors	281 trillion colors	281 trillion colors	281 trillion colors
	Gray Scale Intensity	65,536 levels of red, green, and blue	65,536 levels of red, green, and blue	65,536 levels of red, green, and blue	65,536 levels of red, green, and blue	65,536 levels of red, green, and blue	65,536 levels of red, green, and blue	65,536 levels of red, green, and blue	65,536 levels of red, green, and blue	65,536 levels of red, green, and blue
	Color temperature - Default	6,500K	6,500K	6,500K	6,500K	6,500K	6,500K	6,500K	6,500K	6,500K
	Color temperature - Adjustable	4,500 - 9,000K	4,500 - 9,000K	4,500 - 9,000K	4,500 - 9,000K	4,500 - 9,000K	4,500 - 9,000K	4,500 - 9,000K	4,500 - 9,000K	4,500 - 9,000K
Electrical Parameter	Input Power Range	120/240 volts, 50/60 Hz	120/240 volts, 50/60 Hz	120/240 volts, 50/60 Hz	120/240 volts, 50/60 Hz	120/240 volts, 50/60 Hz	120/240 volts, 50/60 Hz	120/240 volts, 50/60 Hz	120/240 volts, 50/60 Hz	120/240 volts, 50/60 Hz
	Power consumption - Max	992 (W/m²) / 92.5 (W/ft²)	704 (W/m²) / 65 (W/ft²)	714 (W/m²) / 66 (W/ft²)	714 (W/m²) / 66 (W/ft²)	806 (W/m²) / 74.9 (W/ft²)	624 (W/m²) / 58.5 (W/ft²)	348 (W/m²) / 32.7 (W/ft²)	329 (W/m²) / 30.5 (W/ft²)	318 (W/m²) / 29.5 (W/ft²)
	Power consumption - Typical	248 (W/m²) / 23.1 (W/ft²)	176 (W/m²) / 16.4 (W/ft²)	179 (W/m²) / 16.6 (W/ft²)	179 (W/m²) / 16.6 (W/ft²)	202 (W/m²) / 18.7 (W/ft²)	156 (W/m²) / 14.6 (W/ft²)	183 (W/m²) / 17.2 (W/ft²)	169 (W/m²) / 15.7 (W/ft²)	169 (W/m²) / 15.7 (W/ft²)
	Refresh rate	49,920hz	49,920hz	49,920hz	49,920hz	49,920hz	49,920hz	24,960hz	49,920hz	24,960hz
Operation Conditions	Working Temperature	-40°C to 55°C (-40°F to 131°F)	-40°C to 55°C (-40°F to 131°F)	-40°C to 55°C (-40°F to 131°F)	-40°C to 55°C (-40°F to 131°F)	-40°C to 55°C (-40°F to 131°F)	-40°C to 55°C (-40°F to 131°F)	-40°C to 55°C (-40°F to 131°F)	-40°C to 55°C (-40°F to 131°F)	-40°C to 55°C (-40°F to 131°F)
	Cooling	Quiet running vent fans	Quiet running vent fans	Quiet running vent fans	Quiet running vent fans	Quiet running vent fans	Quiet running vent fans	Quiet running vent fans	Quiet running vent fans	Quiet running vent fans
	IP Rating	IP54	IP54	IP54	IP54	IP54	IP54	IP54	IP54	IP54
	LED Lifetime	100,000 hours	100,000 hours	100,000 hours	100,000 hours	100,000 hours	100,000 hours	100,000 hours	100,000 hours	100,000 hours
Certification	Certification	CE, UL / ULC listed	CE, UL / ULC listed	CE, UL / ULC listed	CE, UL / ULC listed	CE, UL / ULC listed	CE, UL / ULC listed	CE, UL / ULC listed	CE, UL / ULC listed	CE, UL / ULC listed
Service	Service	Front Service and/or Rear Service	Front Service and/or Rear Service	Front Service and/or Rear Service	Front Service and/or Rear Service	Front Service and/or Rear Service	Front Service and/or Rear Service	Front Service and/or Rear Service	Front Service and/or Rear Service	Front Service and/or Rear Service

SERIES		XR100F
Physical Parameter	Pixel Pitch	10.0 mm
	Pixel Configuration	1 Red, 1 Green, 1 Blue
	Pixel Density	10,000 m² / 929 ft²
	Diode Density	30,000 m² / 2,787 ft²
	Cabinet Configuration (LxH)	128 x 96 pixels
	Diode Type	SMD3535
	Dimensions (LxH)	1280x960x160 (per cabinet)
	Weight	54.5kg (per cabinet)
Optical Parameter	Cabinet Construction	Aluminum
	Brightness (after Cal.)	6,750 nit
	Contrast Ratio	3,000:1
	Viewing angle - Horizontal	150°
	Viewing angle - Vertical	110°
	Number of colors	4.4 trillion colors
	Gray Scale Intensity (Bit-depth)	14bit
	Color temperature - Default	6,500K
Electrical Parameter	Color temperature - Adjustable	2800 - 16000K
	Input Power Range	100-240 VAC, 50/60 Hz
	Power consumption - Max	750 (W/m²) / 70 (W/ft²)
	Power consumption - Typical	263 (W/m²) / 24.4 (W/ft²)
Operation Conditions	Refresh rate	3,268hz
	Working Temperature	-30°C to 60°C (-22°F to 140°F)
	Cooling	Self (→Cab be Changed to Fan)
	IP Rating	IP65 front/IP55 rear
	LED Lifetime	50,000 hours
Certification	Certification	TBD
Service	Service	Rear Service



OUTDOOR

Boundless Communication. On Display.

Empower end-to-end outdoor interaction through an all-encompassing signage alternative



While outdoor environments offer unprecedented opportunities for businesses to expand messaging and interact with target audiences, they require versatile displays resistant to weather and vandalism – among other factors – to make this communication possible.

Samsung's outdoor signage helps businesses overcome these interaction obstacles and improve critical engagement. An IP56-certified weather-proof design maintains content visibility in all conditions. The powerful, all-in-one Samsung SMART Signage Platform similarly reduces implementation hassle and minimizes cabling needs by integrating critical media player and power box components.

Samsung's Outdoor SMART Signage –
Enabling continuous communication at any time and location.

OUTDOOR



OHF (OUTDOOR)

All-Encompassing Design
Ultra Slim Depth 85mm
5mm Tempered Magic Glass (IK10)
IP56 Ingress Protection
VESA Supported



OMF (SEMI-OUTDOOR)

Window and Kit Types
Ultra Slim Depth 79mm
Daisy Chain Multiple Displays
Wireless Management
Noiseless Solution



HIGH BRIGHTNESS

Deliver content that pops through amplified visual detail



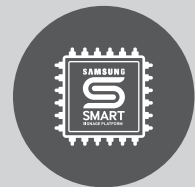
ALL-IN-ONE CONFIGURATION

Embedded power box simplifies installation and maintenance



CONTINUOUS VISIBILITY

Reinforced design accommodates polarized sunglasses without interference



SSSP 4.0

Deliver content more efficiently through powerful, integrated Tizen operating system

SPECIFICATIONS | OUTDOOR

SERIES		OUTDOOR			SEMI-OUTDOOR	
		OHF			OMF-W	OMF-K
Size		46"/55"	75"	85"	46"/55"	46"/55"
Resolution		1920x1080 (16:9)	1920x1080 (16:9)	3840x2160 (16:9)	1920x1080 (16:9)	1920x1080 (16:9)
Brightness(Typ.)		2,500 cd/m²	2,500 cd/m²	2,500 cd/m²	2,500 cd/m²	2,500 cd/m²
Contrast Ratio		5,000:1		3000:1	5,000:1	
Viewing Angle(H/V)		178/178	178/178	178/178	178/178	178/178
Response Time (G-to-G)		6ms	6ms	8ms	6ms	6ms
Display Colors		8 bit - 16.7M	8 bit - 16.7M	8 bit - 16.7M	8 bit - 16.7M	8 bit - 16.7M
Color Gamut		72%	72%	72%	72%	72%
Operation Hour		24/7	24/7	24/7	24/7	24/7
Input	RGB	No		DP1.2 (2) @UHD 60Hz	Display Port 1.2	
	VIDEO	HDMI 1.4 (2), HDBaseT(LAN Common)		HDMI 1.4 (2) @UHD 30Hz, HDBaseT	HDMI2.0 (2)	
	HDCP	HDCP 2.2		HDCP 1.4	HDCP 2.2	
	USB	USB 2.0			USB 2.0	
Output	RGB	No			DP1.2 (Daisy Chain)	
	AUDIO	Stereo Mini Jack			Stereo Mini Jack	
External Control		RS232C (In/Out), RJ45(In/Out), HDBaseT			RS232C (In/Out), RJ45(In/Out), HDBaseT	
External Sensor		No			Detachable Type (IR, Ambient)	
Power Type		Internal			Internal	
Power Supply		AC100 - 240 V~ (+/- 10 %), 50/60 Hz			AC100 - 240 V~ (+/- 10 %), 50/60 Hz	
VESA Support		Yes			Yes	
Protection Glass		Yes (5T Tempered Glass)			No	
Bezel Width (mm)		24.9mm	59.8 mm	62 mm	24.6 mm	14.5 mm
Operating Temperature		-30°C~ 50°C			-30°C~ 50°C	
Humidity		10~80%			10~80%	
Feature	Highlight	Outdoor Signage with Built-in MagicInfo Player S4, SSSP 4.0			Semi-Outdoor (Window/Kit types) with Built-in MagicInfo Player S4, SSSP 4.0	
	H/W	Power-box Integrated, WiFi(Back side usage only)	Heat Exchanger, IP56 Certified		WiFi(Back side usage only), Polarized Sun Glasses Viewable in any direction, HD Base T for Long Distance Installalling, Portrait /Landscape Installation Support, Lamp Error Detection, Auto Brightness Control with Ambient Brightness Sensor, Temperature Sensor, RJ45 MDC, Auto Source Switching & Recovery, Clock Battery(80hrs Clock Keeping)	
		IP56 Certified for Simple Enclosure Outdoor, Protection Glass(IK-10 Level, Anti Graffiti, Infrared Reduce), Polarized Sun Glasses Viewable in any direction, HD Base T for Long Distance Installalling, Portrait /Landscape Installation Support, Lamp Error Detection, Auto Brightness Control with Ambient Brightness Sensor, Temperature Sensor, RJ45 MDC, Auto Source Switching & Recovery, Clock Battery(80hrs Clock Keeping), Kensington Lock				
	S/W	RJ45 MDC, Auto Source Switching & Recovery			RJ45 MDC, Auto Source Switching & Recovery	



VIDEO WALL

Bigger Vision. On Display.

Deliver a viewing experience that resonates through vivid large-format video wall content



As businesses upgrade their outdated static and analog signage, video walls have emerged as a bigger and better avenue to bring business visions to life.

Samsung's video walls elevate the conventional viewing experience in any business setting through a superior large-format content presentation. Advanced calibration and superior panel technology ensure content is delivered to widespread audiences clearly and with accurate color representation. A slim, narrow-bezel design additionally expands the viewing screen while supporting a range of static and animated content formats.

Samsung's Video Walls –
Differentiating the consumer experience through enhanced large-screen content sharing.

VIDEO WALL



UDE-A

Specialized Daisy Chain
Ultra Narrow Bezel
Slim & Light Design



UDE-B

Powerful and Versatile
Ultra Narrow Bezel
Light Weight



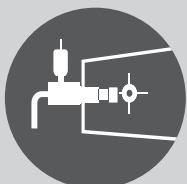
UHF-E

Premium Video Wall
The World's Thinnest Bezel (1.7mm)
Enhanced 4K Picture Image



UHF5

Ultra Compact Design
Thin Depth
Super Narrow Bezel
ADA Compliant



ADVANCED FACTORY CALIBRATION

Achieve color and
brightness uniformity
at faster speed



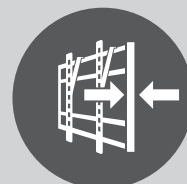
UHD PICTURE QUALITY

Deliver an enthralling
and cinematic visual
experience



NON-GLARE PANEL

Produce a clear
image under
ambient light



SLIM DESIGN WALL- MOUNT

Easily stabilize
video walls in any
configuration

SPECIFICATIONS | VIDEO WALL

SERIES		UHF-E	UDE-A	UDE-B	UHF5
Size		55"	46", 55"	46"/55"	46"
Resolution		1920x1080	1920x1080	1920x1080	1920x1080
Brightness		Max 700 cd/m ²	Max 700 cd/m ²	Max 500 cd/m ²	Max 700 cd/m ²
Contrast Ratio		4000:1	4000:1	3500:1	4000:1
Viewing Angle(H/V)		178/178			
Response Time (G-to-G)		8ms			
Display Colors		8 bit - 16.7M			
Color Gamut		72%			
Operation Hour		24/7			
Haze		25% (Outer Haze 23%)		44% (Outer Haze 11%)	25% (Outer Haze 23%)
Input	RGB	Analog D-SUB, DVI-D, Display Port 1.2			DVI-D, Display Port 1.2
	VIDEO	HDMI 2.0 (2)			
	HDCP	HDCP 2.2			
	AUDIO	Stereo mini Jack			
	USB	Only F/W upgrade			
Output	RGB	DP1.2(Loop-out)			
	AUDIO	Stereo mini Jack			
External Control		RS232C(in/out), RJ45			
External Sensor		Detachable type(IR, Ambient)			Detachable type(IR)
Power Type		Internal			
Power Supply		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz			
VESA Mount		600x400 (mm)	600x400 (mm)	600x400 (mm)	400x400 (mm)
Bezel Width (mm)		1.15mm(U/L), 0.55mm(R/B)	2.3mm(U/L), 1.2mm(R/B)	2.3mm(U/L), 1.2mm(R/B)	3.4mm(U/L), 2.0mm(R/B)
Media Player		SBB(Slide In) Signage player box	SBB(Slide In) Signage player box	SBB(Slide In), Signage player box	SBB, Signage player box
Operating Temperature		0°C~40°C	0°C~40°C	0°C~40°C	0°C~40°C
Humidity		10~80%	10~80%	10~80%	10~80%
Feature	Highlight	Premium video wall solution with the world's thinnest bezel design, enhanced 4K picture quality	Specialized daisy chained video wall solution with ultra narrow bezel and light design for UHD content display	Affordable, powerful and versatile video wall solution with ultra narrow bezel for various business needs	Thinnest depth, super narrow bezel and light weight video wall solution that meets the ADA regulations
	H/W	Temperature Sensor, Pivot Display, Image Rotation, Video Wall(15x15(OSD)), Button Lock, Clock Battery(80hrs Clock Keeping)			
	S/W	ACM Support(Advanced Color Management), Auto Source Switching & Recovery, RS232C/RJ45 MDC, Plug and Play (DDC2B), Video Wall Daisy Chain(10x10), DP1.2 Digital Daisy Chain(Supporting UHD Resolution, HDCP support), Smart F/W update			



E-BOARD

Idea Sharing. On Display.

Inspire more productive meetings through seamless collaboration and interactive knowledge sharing



To ensure deep message resonance, today's meeting and class rooms require versatile, easy-to-adopt technologies more capable than their long-trusted analog boards and projectors.

Samsung's all-in-one e-Boards transform business and education venues into collaborative idea sharing environments. Easy to install and maintain, these interactive displays alleviate the operational frustrations and high costs often associated with outdated in-room technologies. Through intuitive touch-screen interaction and single-source content sharing, meeting leaders and participants can enjoy more meaningful and convenient discussion.

Samsung's e-Boards –
Driving more interactive, collaborative and productive meetings.

E-BOARD



DME-BR

Infrared Touch
Simplified Connectivity
Intuitive Hand Touch/Drawing



DME-BC

Capacitive Touch
Borderless Slim Design
10 Point Touch/Drawing
Sunlight/Dust Resistant



SPECIALIZED TOUCH TECHNOLOGY

Customized for unique collaboration needs



ALL-IN-ONE SOLUTION

Streamline meetings through touch-screen displays and integrated content management tools



VERSATILE CONNECTIVITY

Seamless auto-switching between touch-screen and external sources

SPECIFICATIONS | E-BOARD

SERIES		DME-BR			DME-BC
Size		65"	75"	82"	65"
Brightness(Typ.)		380nit (with touch glass)	380nit (with touch glass)	430nit (with touch glass)	380nit (with touch glass)
Contrast Ratio(Typ.)		4000:1	5000:1	5000:1	4000:1
Viewing Angle(H/V)		178:178	178:178	178:178	178:178
Response Time (G-to-G)		6ms	4ms	8ms	6ms
Display Colors		10bit Dithering - 1.07Billion	10bit Dithering - 1.07Billion	10bit Dithering - 1.07Billion	10bit Dithering - 1.07Billion
Color Gamut		72%	72%	68%	72%
Operation Hour		24/7	24/7	24/7	24/7
Haze		2%	2%	2%	2% (Panel), 15% (Glass)
Speaker Type		Built in Speaker (10W + 10W)	Built in Speaker (10W + 10W)	Built in Speaker (10W + 10W)	Built in Speaker (10W + 10W)
Input	RGB	Analog D-SUB, DVI-D, Display Port 1.2	Analog D-SUB, DVI-D, Display Port 1.2	Analog D-SUB, DVI-D, Display Port 1.2	Analog D-SUB, DVI-D
	VIDEO	Rear: HDMI 1.4 (2) / HDCP 1.4 Front Connectivity Box: HDMI3 1.4 Component (CVBS Common)	Rear: HDMI 1.4 (2) / HDCP 1.4 Front Tray Box: HDMI3 1.4 Component (CVBS Common)	Rear: HDMI 1.4 (2) / HDCP 1.4 Front Connectivity Box: HDMI3 1.4 Component (CVBS Common)	Rear: HDMI 1.4 (2) / HDCP 1.4 Front Tray Box: HDMI3 1.4
	HDCP	HDCP 1.4	HDCP 1.4	HDCP 1.4	HDCP 1.4
	AUDIO	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack
	USB	Rear: USB 2.0 X 1, Touch in X1, Front Tray Box: USB 2.0 X 2, Touch out (USB Upstream)	Rear: USB 2.0 X 1, Touch in X1, Front Tray Box: USB 2.0 X 2, Touch out (USB Upstream)	Rear: USB 2.0 X 1, Touch in X1, Front Connectivity Box: USB 2.0 X 2, Touch out (USB Upstream)	Rear: USB 2.0 X 1, Touch in X1, Front Tray Box: USB 2.0 X 2, Touch out (USB Upstream)
Output	AUDIO	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack
External Control		RS232C(in/out) thru stereo jack, RJ45	RS232C(in/out) thru stereo jack, RJ45	RS232C(in/out) thru stereo jack, RJ45	RS232C(in/out) thru stereo jack, RJ45
External Sensor		IR, Ambient Light	IR, Ambient Light	IR, Ambient Light	IR, Ambient Light
Power Type		Internal	Internal	Internal	Internal
Power Supply		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
Dimension (mm)	Set	1535.3 x 910.4 x 76.6	1756.1 X 1034.1 X 74.1 (handle 109.1)	1911.8 X 1121.7 X 140 (178 Handle)	1485.4 x 866.0 x 62.7
	Package	1665 X 1040 X 250	1895 x 1122 x 301	2069 X 1280 X 513	1617 X 1005 X 240
Weight (kg)	Set	46.1	59	78.2	40.5
	Package	54.1	69	94.6	49.3
VESA Mount		400x400 (mm)	400x400 (mm)	600x400 (mm)	400x400 (mm)
Stand Type		Foot Stand (Optional)	Foot Stand (Optional)	Foot Stand (Optional)	Foot Stand (Optional)
Bezel Width (mm)		39.9	39.9	39.9	27.0(U) / 27.8(LR) / 32.4(D)
Operating Temperature		0°C~ 40°C	0°C~ 40°C	0°C~ 40°C	0°C~ 40°C
Humidity		10~80%	10~80%	10~80%	10~80%
Feature	Highlight	Infra red Touch, Slim & Light Signage with Built-in MagicInfo Player S3, MagicIWB S2, SSSP 3.0			Capacitive Touch, Slim & Light Signage with Built-in MagicInfo Player S3, MagicIWB S2, SSSP 3.0
	H/W	Super Clear Coating, Temperature Sensor, Clock Battery(80hrs Clock Keeping), WiFi Module Embedded, Front Tray Box			
	S/W	Magic Clone(to USB), Auto Source Switching & Recovery, RS232C/RJ45 MDC, Plug and Play, PIP/PBP, Image Rotation, Button Lock, Built In MagicInfo Player S3, MagicIWB S+R58:S582, Magic Presenter, USB Auto Switching, Firmware Update by Network, LFD New Home Screen, Predefined Template for Vertical Usage, Multi Channel, Mobile Control, Event Schedule, Backup Player, MagicPresenter			



RETAIL



HYPERMARKET



HOSPITALITY



TRANSPORTATION

Multi-Market Engagement. On Display.



QSR



CORPORATE



EDUCATION



ENTERTAINMENT

As marketplaces become increasingly crowded, businesses need something unique to stand out among the clutter. Even the slightest color or content presentation variation can make the difference in inspiring customer action.

Samsung's SMART Signage lineup offers all-encompassing, ready-made solutions for any business in any market looking for new and exciting ways to impress customers and improve efficiency. These displays accommodate customers' demands for clear, real-time information that aids their decision-making, with neighboring graphics and visuals further telling business' unique stories. Additionally, businesses can replace traditional print and static promotional materials with interactive content that creates a more memorable and differentiated experience.

Whether for a shopping center looking to promote its latest sales or an airport looking to keep travelers up-to-date on flight schedules, Samsung's SMART Signage is the ideal solution to enhance communications and transform customer service.

RETAIL

Dynamic Showcasing. On Display.

Generate a more welcoming and informative retail experience through stylish, retail-friendly signage

In an increasingly crowded marketplace, it can be challenging for retailers to distinguish themselves and capture customers' attention. As a result, fashion stores require innovative and interactive solutions to reinforce their brand, attract new audiences and, ultimately, drive sales.

Samsung's all-in-one signage enables fashion retailers to offer a true end-to-end customer experience, from an inviting entrance to a seamless checkout. These versatile displays provide crystal-clear picture quality to help customers visualize their purchases, while simultaneously offering real-time product and special offer details. Fashion retailers in turn can foster a memorable in-store environment that drives more informed shopping and improves customer service and loyalty, all while adding sophistication and ambience that suits their unique store and brand identities.

Samsung Display Solutions – for an inviting and modern customer experience.



UHD SIGNAGE



QMD

Slim & Light Design
Multiple Connectivity
FHD 4 PBP Support



QMD-BR

All-in-One Display
IR Touch
Slim Design
FHD 4 PBP Support



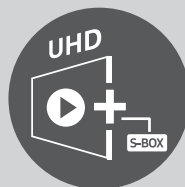
QMF

Full Size Availability
Non-Glare Panel
Seamless Design
Various Connectivity



LIFELIKE IMAGE PRESENTATION

Make high-detail visuals visible with the smallest details for a hyper-realistic and immersive visual experiences.



UHD SBB SUPPORT

Empower UHD streaming through SBB compatibility



PIVOT MODE SUPPORT

Customize installation to fit location aesthetics

SPECIFICATIONS | UHD SIGNAGE

SERIES		QMD-BR	QMD	QMF		
Size		85"	85"	49" / 55" / 65"	75"	98"
Resolution		3840x2160(16:9)	3840x2160(16:9)	3840x2160 (16:9)	3840x2160 (16:9)	3840x2160 (16:9)
Brightness(Typ.)		430cd/m ² (With Touch Glass)	500cd/m ²	500cd/m ²	500cd/m ²	500cd/m ²
Contrast Ratio (Typ.)		5000:1		4,000:1		
Viewing Angle(H/V)		178/178		178/178		
Response Time (G-to-G)		6ms(Typ.)		8ms(Typ.)		
Display Colors		16.7M(True Display)		16.7M(True Display)		
Color Gamut		72%		72%		
Operation Hour		16/7		24/7		
Haze		2%		25%		
Speaker Type		Built in Speaker (15W + 15W)		Built in Speaker (10W + 10W)		
Input	RGB	D-Sub, DVI-D, Display Port 1.2 (2), Display Port 1.1 (1)		DVI-I(D-Sub Common), Display Port 1.2 (2) → Support UHD 60hz		
	VIDEO	HDMI 1.4 (3)		HDMI 1.4 (4)		
	HDCP	HDCP1.4 (→ support UHD 30hz)		HDCP1.4 (→ support UHD 30hz)		
	AUDIO	Stereo mini Jack, RGB, DVI, HDMI		Stereo mini Jack, RGB, DVI, HDMI		
	USB	USB (S/W update only)		USB (S/W update only)		
Output	AUDIO	Stereo Mini Jack		Stereo Mini Jack		
External Control		RS232C(in/out), RJ45		RS232C(in/out), RJ45		
External Sensor		IR		IR		
Power Type		Internal		Internal		
Power Supply		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz		
VESA Mount		600x400mm		400x400mm	600x400mm	900x600mm
Protection Glass		Yes	No	No		
Stand Type		Foot Stand (Optional)		Foot Stand (Optional)		
Media Player		SBB		SBB		
Operating Temperature		0°C~ 40°C		0°C~ 40°C		
Humidity		10~80%		10~80%		
Feature	Highlight	All-in-one Touch UHD Smart Signage		UHD Smart Signage		
	H/W	Temperature Sensor, Clock Battery(80hrs Clock Keeping), Built in Speaker(15W 2ch), Video Wall(15x15(OSD))		Temperature Sensor, Pivot Display, Clock Battery(80hrs Clock Keeping), Built in Speaker(15W 2ch), Video Wall(15x15(OSD))		
	S/W	FHD 4 PBP Support (2/3/4 PBP), Auto Source Switching & Recovery, LFD Home UI, Button Lock, DDC CI, DHCP with RJ45 MDC Urgent Message by MDC, Hot key option, Plug&Play (Initial Setting)		FHD 4 PBP Support (2/3/4 PBP), Auto Source Switching & Recovery, LFD Home UI, Button Lock, DHCP with RJ45 MDC, Hot key option, Plug&Play (Initial Setting)		

HYPERMARKET

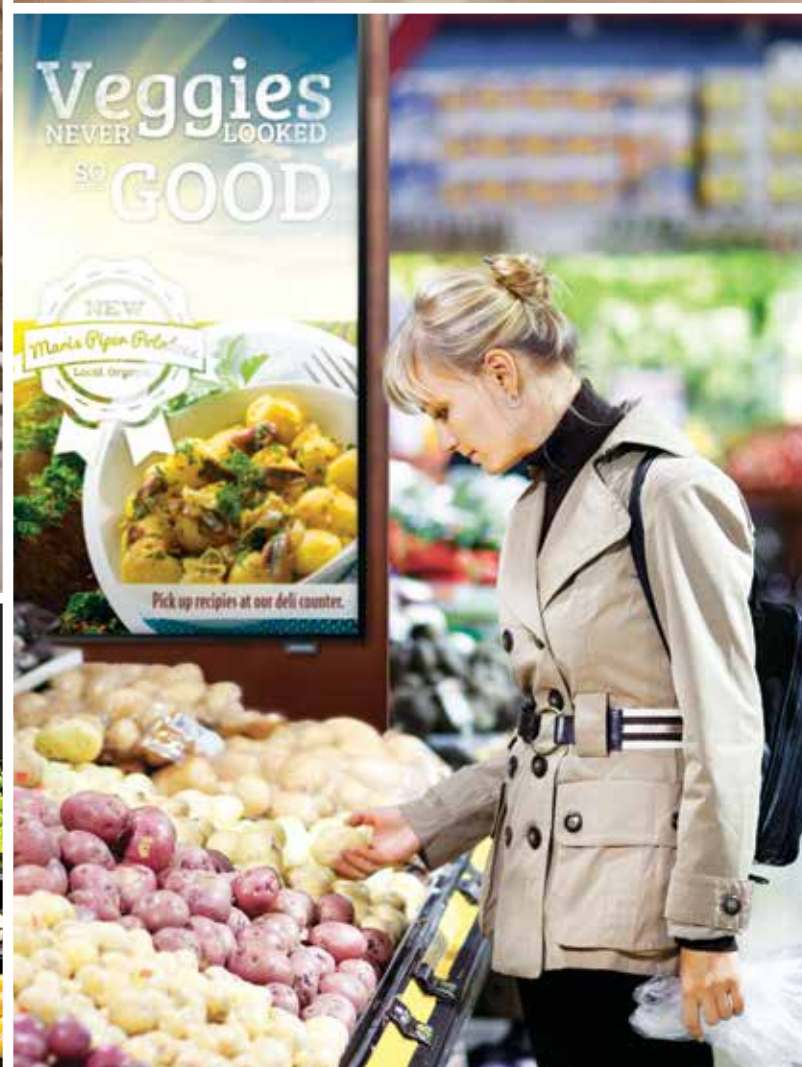
Efficient Engagement. On Display.

Drive wide-ranging purchase intent through real-time customer engagement

The large store size and product variety and volume of the modern hypermarket can make successful customer interaction a challenge. Customers' wide-ranging needs make it more difficult for retailers to provide a personalized and informative experience. Likewise, hypermarkets require multiple durable store-wide displays to reinforce product brands and showcase content during potentially long business hours.

Samsung's retail-facing display technologies transform the hypermarket into a dynamic and fun shopping venue loaded with valuable real-time customer information. Brilliant signage helps customers navigate potentially-crowded store floors while continuously exposing them to special offers and promotions. Retailers also can quickly adjust and deploy content throughout the aisle via touch-interactive displays and electronic shelf labels. As a result, Samsung's all-in-one hypermarket-ready solutions provide centralized management of an entire store-wide display network for more efficient and resourceful operations.

Samsung Display Solutions –
for captivating content that efficiently drives business growth in large retail stores.



SMALL SIGNAGE / ELECTRONIC SHELF LABEL (ESL)



DBE

Embedded PoE+ Module
(Optional)
Capacitive Touch (Optional)



DBD

Capacitive Touch (Optional)
Embedded Wifi Module



ESL B&W LINEUP



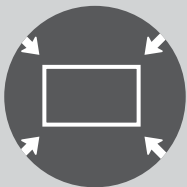
ESL COLOR LINEUP



GATEWAY



**REMOTE
CONTROLLER**



**COMPACT-
SIZED DISPLAY**

Easily fit in
any business
environments



**EXCELLENT
VISIBILITY**

Amplify product
details through a
compact and
brilliant design



**CENTRALIZED
MANAGEMENT**

Create, deploy and
schedule content
from anywhere
through a single,
centralized platform



**CUSTOMIZED
RETAIL
SOLUTIONS**

Improve ambience
and reinforce
branding through
customizable aisle
displays

SPECIFICATIONS | SMALL SIGNAGE / ELECTRONIC SHELF LABEL (ESL)

SERIES		DBE			DBD		
Size		10" (Touch)	10" (PoE+)	10" (Touch & PoE+)	10"	22"	22" (Touch)
Resolution		1280X800	1280X800	1280X800	1280X800	1920X1080	1920X1080
Brightness(Typ.)		400 cd/m²	450 cd/m²	400 cd/m²	450 cd/m²	250 cd/m²	220 cd/m²
Contrast Ratio		900:1	900:1	900:1	900:1	1000:1	1000:1
Viewing Angle(H/V)		178:178			178:178		
Response Time (G-to-G)		30ms			30ms	14ms	
Display Colors		16.7M			16.7M		
Color Gamut		50%			50%	72%	
Operation Hour		16/7			16/7		
Haze		2%	2%	2%	2%	2%	
Speaker Type		Built-in (5W x1)	No	No	Built-in (1W x 1)	Built-in (1W x 2)	
Input	RGB	N/A	N/A	N/A	N/A	Analog D-SUB	
	VIDEO	HDMI1.4	HDMI1.4	HDMI1.4	HDMI1.4	HDMI1.4	
	HDCP	HDCP1.4	HDCP1.4	HDCP1.4	HDCP1.4	HDCP1.4	
	AUDIO	N/A	N/A	N/A	N/A	Stereo mini Jack	
	USB	USB 2.0 x 2	USB 2.0 x 1	USB 2.0 x 1	USB 2.0 x 1	USB 2.0 x 2	USB 2.0 x 3
Output	AUDIO	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack	N/A	Internal	
External Control		RS232C(in) thru stereo jack, RJ45			AC 100 - 240 V~ (+/- 10 %), 50/60 Hz		
Power Type		Adapter			Adapter	Stereo mini Jack	
Power Supply		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	PoE+ (30W) or AC 100 - 240 V~ (+/- 10 %), 50/60 Hz		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz		
VESA Mount		75x75mm			50x50mm	100x100mm	
Special		Built-in Wifi Module SD Card Slot Capacitive Touch (5 point/ 2 drawing)	Embedded module PoE+ SD Card Slot	Embedded module PoE+ Capacitive Touch (5 point/ 2 drawing) SD Card Slot	Built-in Wifi Module SD Card Slot	Built-in Wifi Module	Protection Glass (0.7mm) Capacitive Touch (10 point/ 2 drawing) Built-in Wifi Module
Operating Temperature		0°C~ 40°C			0°C~ 40°C		
Humidity		10~80%			10~80%		
Feature	H/W	Temperature Sensor, Portrait Installation Support, Button Lock, Clock Battery(80hrs Clock Keeping)					
	S/W	Magic Clone(to USB), Auto Source Switching & Recovery, RS232C/RJ45 MDC,Plug and Play (DDC2B), PIP/PBP, Smart Scheduling, Smart F/W update					

| ESL

SIZE	1.6"	2.2"	2.9"	4.2"	6.0"	7.4"
Dimensions (mm)	43x36x12	64x36x12	84.22x41.12x11.83	103.5x87.5x14.5	134.4x109.5x14.2	181x123x15.5
Operating Temp.	0 - 40°C					
Technology	Full Graphic E-ink Display					
Data Rate	250 Kbps / 2 Mbps					
Coverage	Radius 20m (Line of Sight)					
Battery Life Time	Over 5 years					
Optional	NFC (Color model only)					

| GATEWAY

Dimensions (mm)	215×215×44
Coverage	Radius 20m (Line of Sight)
Power voltage	5V
Communication Protocol	RF 2.4GHz
Operating Temp.	0 - 60°C

| REMOTE CONTROLLER

Dimensions (mm)	39.2×84.7×13.5
Function	• Tag Wake-up • Page Up/Down
Working Range	2cm
Communication Protocol	RF 2.4GHz
Operating Temp.	0 - 40°C

QSR

Inviting Foodservice. On Display.

Improve customer service and build brand loyalty through brilliant interactive content

The quick service restaurant (QSR) landscape presents consumers with a variety of choices – not just in where they want to eat, but also in what they want to eat. For QSRs, this means added pressure to capture indecisive customers' attention through appealing menu offerings and excellent service, both inside and at the drive-thru.

Samsung's QSR-ready displays accelerate customer service while cultivating a vibrant and exciting restaurant brand image. These all-in-one displays enable operators to showcase, and quickly update, menu content that includes an appealing mix of clear images and text. Through detail-rich content, restaurants can answer customers' questions before they reach the register and improve turnaround times as a result. QSRs with drive-thru operations additionally can trust Samsung's outdoor displays to reliably showcase menu and promotional content without weather or lighting interference.

Samsung Display Solutions – for the right combination of performance and interaction.



MAINSTREAM SIGNAGE



PMF-BC

Touch glass
Built-in IR
Slim & Light Design
MagicInfo Player S4



PHF

High Brightness
Built-in IR
Slim & Light Design
IP5X Certified
MagicInfo Player S4



PMF

Built-In IR
Slim & Light Design
IP5X Certified
MagicInfo Player S4



DME/DBE

All Size Availability
MagicInfo Player S3



DCE/DCE-M

Slim & Light Design
MagicInfo Lite



EDE

Light Weight
USB Player



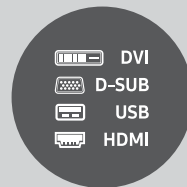
SLIM DESIGN

Maintain customer attention with a slim- depth, narrow-bezel design



VARIOUS SIZE AVAILABILITY

Satisfy all usage requirements in different businesses



FLEXIBLE CONNECTIVITY

Multi-device compatibility for various implementation scenarios



COST EFFECTIVE

All-in-one displays reduce overall operational expenses

SPECIFICATIONS | MAINSTREAM SIGNAGE

SERIES		EDE	DCE	DCE-M	DBE	DME	PMF	PHF	PMF-BC
Size		65" / 75"	32" / 40" / 55"	32"/40"/55"	32" / 40" / 55"	32" / 40" / 55"/65"/75"/82"	32"/43"/49"/55"	43"/49"/55"	32" / 55"
Resolution		1920x1080 (16:9)	1920x1080 (16:9)	1920x1080 (16:9)	1920x1080 (16:9)	1920x1080 (16:9)	1920x1080 (16:9)	1920x1080 (16:9)	1920x1080 (16:9)
Brightness(Typ.)		400nit	350nit	40"/55": 450 cd/m ² 32": 400 cd/m ²	350nit	82": 500cd/m ² 40"/55"/65"/75": 450 cd/m ² 32": 400 cd/m ²	43"/49"/55": 500 cd/m ² 32": 400 cd/m ²	700cd/m ²	300cd/m ² (32") 400cd/m ² (55") (with Touch Glass)
Contrast Ratio(Typ.)		4,000:1 (65")/ 5000:1 (75")	5000:1	5000:1	5000:1	5000:1 (All) 4000:1 (65")	5000:1 (32")/ 3000:1 (43")/ 4000:1 (49"/55")	3000:1 (43") 4000:1 (49"/55")	5000:1 (32") 4000:1 (55")
Viewing Angle(H/V)		178:178	178:178	178:178	178:178	178:178	178:178	178:178	178:178
Response Time(G-to-G)		6ms	8ms	8ms	8ms	8ms	8ms	8ms	8ms
Display Colors		10bit Dithering - 1.07Billion	16.7 M	10bit Dithering - 1.07Billion	16.7 M	10bit Dithering - 1.07Billion	10bit Dithering - 1.07Billion	10bit Dithering - 1.07Billion	10bit Dithering - 1.07Billion
Color Gamut		70%	72%	72%	72%	72%	72%	72%	72%
Operation Hour		16/7	16/7	24/7	16/7	24/7	43"/49"/55": 24/7 32": 16/7	24/7	24/7
Haze		2%	2%	2%	2%	2%	32": 2% / 43": 44% / 49"/55": 25%	43": 44% 49"/55": 25%	Glass 15%
Speaker Type		Built-in (10W x 2)	40"/55": Built-in (10W X 2) 32": Built-in (10W X 1)	All: Built-in (10W X 2) 32": Built-in (10W X 1)	40"/55": Built-in (10W X 2) 32": Built-in (10W X 1)	All: Built-in (10W X 2) 32": Built-in (10W X 1)	Built-in (10W x 2)	Built-in (10W x 2)	Built-in (10W x 2)
Input	RGB	Analog D-SUB, DVI-D	D-SUB, DVI-D	D-SUB, DVI-D	Analog D-SUB, DVI-D(HDMI Common)	Analog D-SUB, DVI-D(HDMI Common)	DVI-I(D-Sub Common), Display Port 1.2 (2)	DVI-I(D-Sub Common), Display Port 1.2 (2)	DVI-I(D-Sub Common), Display Port 1.2 (2)
	VIDEO	CVBS, Component, HDMI	HDMI1.4 (2), Component (CVBS Common)	HDMI1.4(2)/ HDCP1.4, Component (CVBS Common)	HDMI1.4, Component (CVBS Common)	HDMI1.4 / HDCP1.4 Component (CVBS Common)	HDMI 2.0 (2) / HDCP 2.2	HDMI 2.0 (2) / HDCP 2.2	HDMI 2.0 (2)
	HDCP	N/A	HDCP1.4	HDCP1.4	HDCP1.4	HDCP1.4	HDCP 2.2	HDCP 2.2	HDCP 2.2
	AUDIO	Stereo mini Jack	Stereo Mini Jack, RGB/DVI/ HDMI/CVBS/ Component Audio(Common)	Stereo Mini Jack, RGB/DVI/ HDMI/CVBS	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack, RGB/DVI/ HDMI	Stereo mini Jack, RGB/DVI/ HDMI	Stereo mini Jack, RGB/DVI/ HDMI
	USB	USB 2.0 x 1	USB 2.0 x 1	USB 2.0 x 1	USB 2.0 x 1	USB 2.0 x 1	USB 2.0 x 2	USB 2.0 x 2	USB 2.0 x 2 (1 Used for Touch)
Output	RGB	No	No	No	No	DP1.2(Loop-out) (except 32")	DP1.2(Loop-out)	DP1.2(Loop-out)	DP1.2(Loop-out)
	AUDIO	Stereo mini Jack	Stereo Mini Jack	Stereo Mini Jack	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack
	USB	No	No	No	No	No	No	No	USB Type-B (Touch Sensor Data)
External Control		RS232C(in/out) thru stereo jack	RS232C(In) thru stereo jack, RJ45	RS232C(In) thru stereo jack, RJ45	RS232C(in/out) thru stereo jack, RJ45	RS232C(in/out) thru stereo jack, RJ45	RS232C(in/out) thru Stereo Jack, RJ45	RS232C(in/out) thru Stereo Jack, RJ45	RS232C(in/out) thru Stereo Jack, RJ45
Sensor		IR (external)	IR (external)	IR (external)	IR, Ambient Light (external)	IR, Ambient Light (external)	Center IR (built-in)	Center IR (built-in)	Center IR (built-in)
Tuner		No	Yes(only for NA/KR)	Yes(only for NA/KR)	Yes(only for NA/KR)	Yes(only for NA/KR)	Yes(only for NA)	N/A	Yes(only for NA)
Power Type		Internal							
Power Supply		AC100 - 240 V~ (+/- 10 %), 50/60 Hz							
VESA Mount		400x400mm	200x200mm	32"/40": 200x200mm 55": 400x400mm	200x200mm	32"/40": 200x200mm 55"/65"/75": 400x400mm 82": 600x400mm	32"/43": 200x200mm 49"/55": 400x400mm	43": 200x200mm 49"/55": 400x400mm	32": 200x200mm 55": 400x400mm
Protection Glass		No	No	No	No	No	No	No	3.2T Semi- Tempered Touch Glass
Stand Type		Foot Stand (Optional)							
Media Player		SBB	40"/55": SBB 32" SBB (Not attachable)	40"/55": SBB 32": SBB(Not Attachable)	40"/55": SBB 32" SBB (Not attachable)	65"/75"/82": SBB, PIM 40"/55": SBB 32": SBB (Not Attachable)	43"/49"/55": SBB 32": SBB (Not attachable)	SBB	SBB
Operating Temperature		0°C~40°C	0°C~40°C	0°C~40°C	0°C~40°C	0°C~40°C	0°C~40°C	0°C~40°C	0°C~40°C
Humidity		10~80%	10~80%	10~80%	10~80%	10~80%	10~80%	10~80%	10~80%
Certificate		No	No	No	No	No	IP5x	IP5x	No
Feature	Highlight	Light Weight Signage, USB Player	Slim & Light Design, Built-in MagicInfo Lite		Slim & Light Design, Built-in MagicInfo Player S3, SSSP 3.0		High Durability, Slim & Light Design, Built-in MagicInfo S4, SSSP 4.0		Slim & Light Design, Built-in MagicInfo S4, SSSP 4.0, Cap-Touch
	H/W	Built in Speakers, PIP/ PBP	Super Clear Coating, Temperature Sensor, Pivot Display, Button Lock, Clock Battery(168hrs Clock Keeping), Built in Speaker(s)		Super Clear Coating, Temperature Sensor, Pivot Display, Clock Battery(168hrs Clock Keeping), Built in Speaker(s), WiFi Module Embedded, SD Card Slot		Non Glare Panel (43"/49"/55"), Temperature Sensor, Video Wall(15x15(OSD)), Video Wall Daisy Chain(16), Pivot Display, Clock Battery(168hrs Clock Keeping), Built in Speaker(10W x 2), WiFi Module Embedded, Center IR		
	S/W	USB Player	Auto Source Switching & Recovery, RS232C/RJ45 MDC, Plug and Play (DDC2B), Built In MagicInfo Lite, Firmware Update by Network		Magic Clone(to USB), Auto Source Switching & Recovery, RS232C/RJ45 MDC, Plug and Play, PIP/PBP, Image Rotation, Built In MagicInfo Player S3, Firmware Update by Network, LFD New Home Screen, Predefined Template for Vertical Usage, Multi Channel, Mobile Control, Event Schedule, Backup Player, PC-less Touch, MagicPresenter		Magic Clone(to USB), Auto Source Switching & Recovery, RS232C/RJ45 MDC, Plug and Play, PIP/PBP, Image Rotation, Button Lock, DP1.2 Digital Daisy Chain(HDCP Support), Firmware Update by Network, New Home Screen, PC-less VideoWall(external source only), Multi Channel, Mobile Control, Event Schedule, Backup Player		

CORPORATE

Versatile Collaboration. On Display.

Facilitate interactive knowledge sharing while streamlining business communication

Regardless of a business' size or operations, corporate communications can prove challenging. Businesses need advanced, digital tools to improve interaction and idea exchange while simultaneously ensuring the same goals, vision and direction are emphasized among both employees and outside stakeholders.

Samsung's corporate-facing digital displays provide the reliability, quality and inviting design necessary to streamline collaborative communication. LCD and LED displays provide a clear and attractive central source to inform, engage and entertain internal staff members as well as visitors, guests and other external audiences. Additionally, Samsung's interactive e-Board displays simplify meeting operations while inviting participants to upload and share content from personal devices. The result is an open workplace that encourages participation while removing traditional collaboration barriers.

Samsung Display Solutions - for impactful and efficient knowledge exchange.



MAGICINFO™ SOLUTION



MAGICINFO SERVER (NETWORK MANAGEMENT)

The network-based MagicInfo Server enables easy content display across all signage offerings, including standalone, outdoor, video wall and LED displays.



MAGICINFO EXPRESS (LOCAL MANAGEMENT)

Create, schedule and showcase business content from anywhere through PC (Windows®/ Mac®), tablet (Android™/iOS™) and smartphone (Android/ iOS) compatibility.



CENTRALIZED MANAGEMENT

Manage display networks through a single remote location



UPGRADED USER INTERFACE

Enhanced ease of use and intuitive management



POWERFUL GRAPHIC ENGINE

Ensure seamless transitions and dynamic content display



CERTIFIED TIZEN APP™ WITH NEW FUNCTIONALITY

Upgraded embedded MagicInfo Player S4 enhances ease-of-use and local content management capability that has been optimized for the consumer in mind, whether it is connected to MagicInfo server or not.



SIMPLE, MODERN AND UNIFIED USER INTERFACE

Newly designed and upgraded MagicInfo server software with content creator enables users to build and share content quickly and efficiently through an intuitive, mobile-friendly interface.



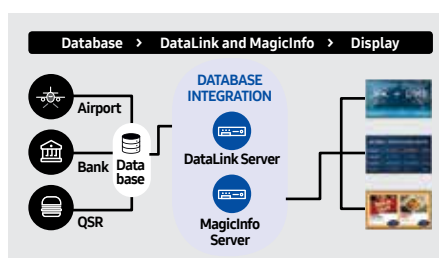
POWERFUL PC-FREE CONTENT DISPLAY

Embedded MagicInfo software navigates and displays a range of dynamic content, including high-resolution images and text boxes, through an embedded centralized, cost-efficient solution without requirement for additional PC.

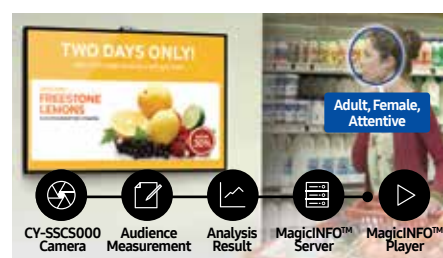
VALUE-ADDED SOLUTIONS FOR VARIOUS BUSINESS



Backup Player ensures that vital content remains running should a display temporarily malfunction.



DataLink allows SMART Signage displays to showcase real-time content through remote database access.



Audience Measurement leverages integrated cameras to harvest customer recognition data, particularly ages and genders.

HOSPITALITY

Refined Engagement. On Display.

Deliver a personalized, content-rich guest experience in any hotel environment

Hotel guests expect seamless access to a range of engaging real-time content from the minute they enter the building. From lobby information that directs and educates to customized in-room media consumption, guests seek a personalized experience that guides their stay while creating the familiar feel of home.

Samsung's hospitality displays equip hotel operators with a range of convenient and intuitive tools to manage and deploy guest-friendly content throughout the facility. Through clear and attractive lobby and in-room displays, hotels can keep guests informed of on-site events, services and amenities while simultaneously providing convenient weather and news updates. An easy-to-install, yet refined design accommodates even the most luxurious settings while enabling hotels to reinforce their brand image.

Samsung Display Solutions –
for a sophisticated, content-rich hotel experience that resonates with guests.



MIRROR DISPLAY



INTUITIVE TRANSITION

Built-in proximity sensor empowers smooth mirror and content transitions



VIVID PICTURE QUALITY

Industry-best reflectivity(55%) and transmittance (90%) create a true mirror effect and optimize content clarity



SEAMLESS DESIGN

Elegant, bezel-free design keeps customers focused on your content



CONVENIENT CONTENT MANAGEMENT

Built-in Wi-Fi and mobile-device compatibility for intuitive content management

SPECIFICATIONS | MIRROR DISPLAY

SERIES		MLE	
Size		32"	55"
Resolution		1920x1080 (16:9)	1920x1080 (16:9)
Brightness(Typ.)		300nit	400nit
Contrast Ratio(Typ.)		3500:1	3500:1
Viewing Angle(H/V)		178:178	178:178
Response Time(G-to-G)		8ms	6ms
Display Colors		10bit Dithering - 1.07Billion	10bit Dithering - 1.07Billion
Color Gamut		0.72	0.72
Operation Hour		24/7	24/7
Speaker Type		Built in Speaker(10W x 1)	Built in Speaker(10W + 10W)
Input	RGB	DP1	DP1
	VIDEO	HDMI1.4 / HDCP1.4 Component(CVBS Common)	HDMI1.4, HDMI2.1.4(except KR, NA) / HDCP1.4 Component(CVBS Common)
	HDCP	HDCP1.4	HDCP1.4
	AUDIO	Stereo Mini Jack, DVI Audio(Common)	Stereo Mini Jack, DVI Audio(Common)
	USB	USB 2.0 x 2	USB 2.0 x 2
Input	RGB	DP1.2(Loop-out)	DP1.2(Loop-out)
	AUDIO	Stereo mini Jack	Stereo mini Jack
External Control		RS232C(in/out) thru stereo jack, RJ45	RS232C(in/out) thru stereo jack, RJ45
External Sensor		IR, Proximity Sensor	IR, Proximity Sensor
Power Type		Internal	Internal
Power Supply		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
Dimension (mm)	Set	740.2 X 433.5 X 57.4	1249.2 X 720.0 X 57.4
	Package	817 X 503 X 146	1380 X 860 X 215
Weight (kg)	Set	7.9	25.5
	Package	9.8	29
VESA Mount		200x200mm	400x400mm
Protection Glass		Yes	Yes
Stand Type		Foot Stand (Optional)	Foot Stand (Optional)
Media Player Option Type		Embedded, SBB(Not Attachable)	Embedded, SBB(Attachable)
Bezel Width (mm)		1mm(Black Printing Line 20.4mm)	1mm(Black Printing Line 49.3mm)
Operating Temperature		0°C~ 40°C	0°C~ 40°C
Humidity		10~80%	10~80%
Feature	Highlight	Slim & Light Signage with Built-in MagicInfo S3, SSSP 3.0	Slim & Light Signage with Built-in MagicInfo S3, SSSP 3.0
	H/W	Super Clear Coating, Temperature Sensor, Video Wall(15x15), Pivot Display, Clock Battery(168hrs Clock Keeping), Built in Speaker(10W x 1), WiFi Module Embedded	Super Clear Coating, Temperature Sensor, Video Wall(15x15), Pivot Display, Clock Battery(168hrs Clock Keeping), Built in Speaker(10W x 1), WiFi Module Embedded
	S/W	Magic Clone(to USB), Auto Source Switching & Recovery, RS232C/RJ45 MDC, Plug and Play, PIP/ PBP, Image Rotation, Button Lock, DP1.2 Digital Daisy Chain(HDCP Support), Built In MagicInfo Player S3, Firmware Update by Network, LFD New Home Screen, PC-less VideoWall, Predefined Template for Vertical Usage, Multi Channel, Mobile Control, Event Schedule, Backup Player, PC-less Touch, MagicPresenter	Magic Clone(to USB), Auto Source Switching & Recovery, RS232C/RJ45 MDC, Plug and Play, PIP/ PBP, Image Rotation, Button Lock, DP1.2 Digital Daisy Chain(HDCP Support), Built In MagicInfo Player S3, Firmware Update by Network, LFD New Home Screen, PC-less VideoWall, Predefined Template for Vertical Usage, Multi Channel, Mobile Control, Event Schedule, Backup Player, PC-less Touch, MagicPresenter

TRANSPORTATION

Seamless Navigation. On Display.

Enhance customer service through access to clear, up-to-the-minute travel information

Whether by land, air or sea, travelers require real-time information to successfully stay on schedule and navigate their pre-transportation needs. From arrival through departure, these passengers rely on transportation operators to clearly communicate vital updates while ultimately minimizing travel stress.

Samsung's versatile displays equip travel terminals with a large-format content hub passengers can trust. These cutting-edge LED and LCD displays clearly feature travel schedules and departure locations, and empower transportation teams to better address customer questions. Operators additionally can quickly update content across single displays or display groups through a centralized platform. As customers expect accessible information upon arrival, Samsung's travel-friendly displays are durably designed for ongoing, uninterrupted performance in outdoor booths and check-in areas.

Samsung Display Solutions – for a more enjoyable, hassle-free travel experience.



STRETCHED DISPLAY



STRETCHED RESOLUTION

Wide 16:4.5 displays
deliver vibrant content
even in tight spaces



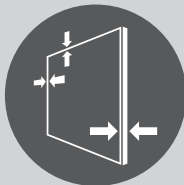
24/7 OPERATION

Ongoing performance for
transportation, retail and
other high-demand venues



AN UNPARALLELED VISUAL EXPERIENCE

High brightness and non-
glare panel adjust image
clarity to match various
lighting conditions



VIEWER-FRIENDLY DESIGN

Slim depth and narrow
bezel maximize content
space for added viewer
engagement



PIVOT MODE

Arrange displays in portrait or
landscape format for optimal
presentation

SPECIFICATIONS | STRETCHED DISPLAY

SERIES		SHF
Size		37"
Resolution		1920x540 (16:4.5)
Brightness(Typ.)		700nit
Contrast Ratio(Typ.)		4000:1
Viewing Angle(H/V)		178:178
Response Time (G-to-G)		16ms
Display Colors		8bit - 16.7M
Color Gamut		72%
Operation Hour		24/7
Haze		44%
Speaker Type		N/A
Input	RGB	DVI-I, Display Port 1.2
	VIDEO	HDMI 1.4 (1)
	HDCP	HDCP 2.2
	AUDIO	Stereo mini Jack
	USB	USB 2.0 x1
Input	RGB	DP1.2(Loop-out)
	AUDIO	Stereo mini Jack
External Control		RS232C(in/out) thru Stereo mini Jack, RJ45
External Sensor		IR
Power Type		Internal
Power Supply		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
Dimension (mm)	Set	915.8 x 281.1 x 39.9
	Package	1102 X 122 X 369
Weight (kg)	Set	6.6kg
	Package	8.5kg
VESA Mount		400x200mm
Protection Glass		N/A
Stand Type		Foot Stand (Optional)
Bezel Width (mm)		5.7 (Side), 12 (Top/Bottom)
Operating Temperature		0°C~ 40°C
Humidity		10~80%
Key		Slim & Light LFD with Built-in MagicInfo Player S3, SSSP 3.0
Feature	H/W	USB Plug and Play, Tilting and Portrait Install support, Daisy Chains, Shock and Vibration certificated(IEC 61373)
	S/W	Magic Clone(to USB), RS232 MDC, , Video Wall, Smart Scheduling, Auto Source Switching, Internal Media Player

EDUCATION

Interactive Learning. On Display.

Transform the classroom environment into an interactive and collaborative learning hub

In any classroom environment, teachers must develop new strategies and tactics to keep students focused. To achieve this goal, these agile teachers must make lessons personalized, engaging and relatable – a task made infinitely more difficult by outdated projectors, chalk and analog boards, and other legacy classroom technologies.

Samsung's education-ready displays create a differentiated and lively classroom setting that inspires teachers, motivates students and impresses parents. These displays allow teachers to supplement lessons with a realm of brilliant image and video content, while touchscreen interactivity invites more students to participate. Through an all-in-one, low-maintenance design, teachers can simply walk in, turn on the display and start their class.

Samsung Display Solutions – for an enhanced, futuristic learning environment.

MAGICIWB (INTERACTIVE WHITE BOARD) SOLUTION

MAGICIWB S2

- Included as part of e-Board touch Solution package
- Save space and cost with embedded System-on-Chip (SoC) media player



ENHANCE MEETING COLLABORATION THROUGH USER-FRIENDLY INTERACTIVE WHITE BOARD SOFTWARE

MagicIWB S2 and MagicIWB agent drive seamless communication across physical and virtual presentation-oriented meetings through PC-less touch interaction.



ACCESS, UPDATE AND SHARE VITAL MEETING CONTENT AT ANY TIME AND LOCATION

MagicIWB S2 elevates standard presentations into engaging and collaborative discussions through the incorporation of easy-to-use features, interactive visuals and real-time editing capabilities.

MAGICIWB I2

- Optional for advanced e-Board Solutions
- Deliver an interactive, collaborative experience in meeting rooms and classrooms



REMOVE LEARNING BOUNDARIES THROUGH STREAMLINED CONTENT ACCESS

The MagicIWB I2 platform's device compatibility and education-specific tools inspire open exchange and collaboration, as well as instruction efficiency.



INSPIRE CLASS COLLABORATION AND INTERACTION THROUGH REAL-TIME CONTENT MANAGEMENT

Samsung's MagicIWB I2 software boosts presentation quality and resonance through advanced content compatibility and usability.

ENTERTAINMENT

Immersive Engagement. On Display.

Elevate traditional theater materials into modern, interactive information centers

Evolving technologies have forced theater operators to evolve to better serve the needs of digital-savvy guests who demand access to a range of brilliant and captivating content to guide both their immediate and future show decisions. In turn, promotional posters, ticketing channels and directories have become more interactive and captivating.

Samsung's entertainment-specific display solutions inspire a next-level theater experience that resonates with customers while simplifying operations for management teams. Compatible with both outdoor and indoor gathering spaces, Samsung's theater-ready signage enables convenient promotion of and access to multiple shows within a single location, backed by brilliant imagery, color and video content. Movie operators in turn can capitalize on this captive consumer audience by integrating advertising that emphasizes theater amenities and special offers.

Samsung Display Solutions – for next-level visual promotion and interaction.



SAMSUNG SMART SIGNAGE PLATFORM 4.0 POWERED BY TIZEN™ OS



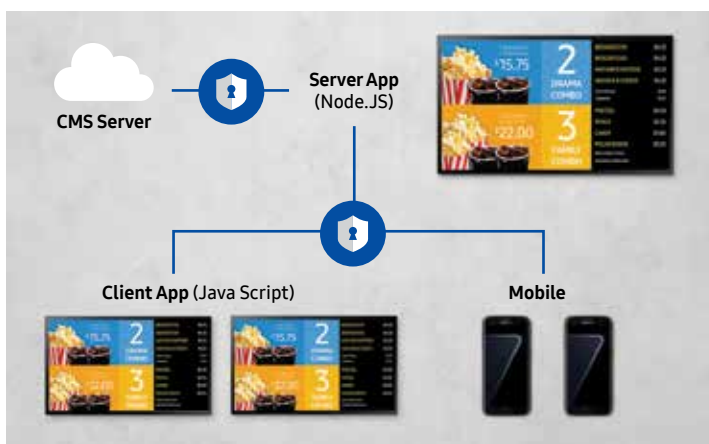
DYNAMIC CONTENT PRESENTATION

The SSSP 4.0 uses a powerful graphics engine to showcase scrolling text, simultaneous video clips and other animated content without interruption. PC-free touch navigation further allows users to scroll through and select menu, application and Web browser options.



INTUITIVE APPLICATION DEVELOPMENT

The SSSP 4.0 offers customizable JavaScript APIs for fast web application development and deployment directly within the Tizen OS.



SCALABLE AND SECURE

A holistic architecture reinforces a safe exchange of information across SSSP 4.0 programs and servers, a vital advantage for confidentiality-reliant industries such as finance, government and IoT.



CENTRALIZED REMOTE MANAGEMENT

Users can manage and adjust individual displays or display groups from any location via the SSSP 4.0's central remote server. Open API further synchronizes content management solutions for a complete, controllable view into overall operations.

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