



Samsung Smart Signage EDE Series Large-sized Displays

Clear, crisp image quality and touchscreen options in energy-efficient 65-inch and 75-inch professional digital signage.

Highlights

- **Flexible and professional business messaging solution** Leverage a professional-grade, cost-effective display solution for a wide range of business uses.
- **Enhance the effectiveness of information** Upgrade presentations by delivering interactive content with added overlay touchscreen option.
- **Discover a flexible, cost-efficient alternative to standard projectors** Upgrade presentations by delivering interactive content with an overlay touchscreen option.
- **Upgrade from conventional TV to a professional grade digital signage** Take advantage of high reliability, flexible installation options in landscape and portrait, and remote management of multiple displays
- **Maximize space efficiency and simplify connectivity for a simple installation** Be flexible in installation of the display with slim profile and side-type connectivity design
- **Minimize Total Cost of Ownership (TCO)** Improve energy and management efficiency with direct LED (d-led) BLU (backlight unit) and advanced content management technologies

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CAPTURE AUDIENCE ATTENTION WITH CRISP PICTURES AND FLEXIBLE MESSAGE OPTIONS

Corporations are looking for better communication and collaboration tools for their presentations, and the retail market needs enhanced branding and merchandising tools to attract customers. Both markets want to engage their audiences with high impact, visual images for an immersive, interactive viewer experience. In addition, companies want to reduce startup and operational costs. As a result, they are turning to professional-grade digital signage solution to fulfill their needs.

Samsung EDE Series large-sized (ED65E, ED75E) d-led BLU displays provide enhanced viewing compared to traditional projectors and cumbersome cold cathode fluorescent lamp (CCFL) displays. Unlike conventional digital signages, EDE Series displays reduce room clutter and distraction by operating without the need for separate video signal distributors, additional media players and other devices. This advantage lowers operational costs by providing the viewing benefits of digital signage without the need for external equipments. A slim, lightweight profile provides simplified installation and enables 65-inch and 75-inch EDE Series displays to fit into areas that have limited depth.

The d-led BLU displays deliver consistent high brightness regardless of surrounding light conditions, and require less electricity than conventional digital signages, increasing energy efficiency.

EDE Series displays provide engaging, interactive content delivery with an optional Touch Overlay.

Ultra-thin bezels reduce viewer distraction while enhancing the unit's appearance. It also offers powerful connectivity with a built-in RS-232C connection. Users can remotely and conveniently manage multiple displays from one central location.

Attract viewers with large, sharp images and clear text

EDE Series displays are superior vehicles for getting messages noticed and the preferred alternative to traditional projectors and CCFL displays. Samsung d-led BLU technology delivers enhanced picture quality, broader color contrast and added depth to black hues. Ultra Clear Panel enhances readability with sharper, more detailed images and more crisp text with reduced light scatter and reflection.

A 400 nit brightness level also enables easier reading regardless of the amount of light in the room. Rapid refresh rates from 120 Hz to 240 Hz project sharp, smooth pictures, even when images are moving quickly. Movies, sports and games can be viewed with less blur and visual distortion. In addition, a narrow bezel design helps the customer focus on the message rather than the device delivering it.

Enhance the viewing experience with an overlay touchscreen option

To encourage viewer interaction, an EDE Series can be transformed into an e-Board with whiteboard capabilities by installing an optional overlay touchscreen. Presenters can transform screens into interactive whiteboards with drawing and writing capabilities using the touchscreen overlay.

Ideal for Retail, Transportation, Office, Exhibition and Educational environments, the optional Touch Overlay provides a realistic multi-touch experience with up to 10 simultaneous touch points.

A special anti-glare film covers the surface of the overlay, providing a smooth writing surface. A real handwriting feel is achieved by using the two included Touch Pens and Samsung MagicWB™ (Interactive White Board) software.

The touchscreen is designed for easy installation by simply placing the overlay over the screen, pushing down on the holders and tightening a few screws. An included pen tray is equipped with one upstream and two downstream USB ports.



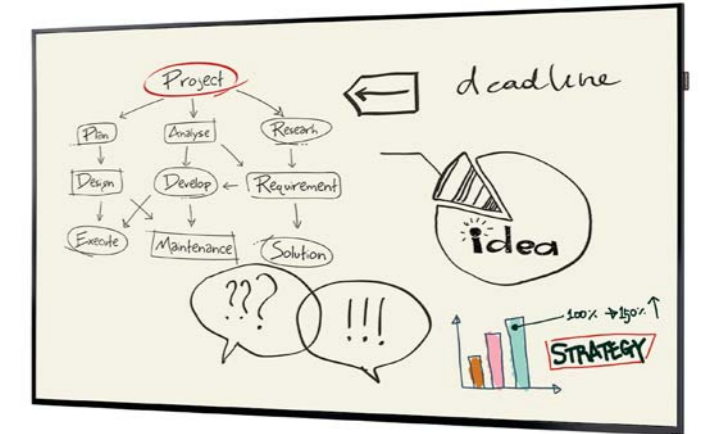
Choose from an expansive range of connectivity options for an even greater variety of source devices

The improved connectivity interface includes: D-sub, HDMI, DVI and Component (CVBS Common) to support any type of source input device. These optimized interfaces provide users with a simplified way to connect the EDE Series displays to the digital signage network based on individual needs.

EDE Series displays offer upgraded connectivity with access to digital content through an RS-232C connection. Access to a broader range of digital content provides a more engaging viewer experience. Users can connect to PCs and other compatible devices to display the content that is most relevant to their audience.



SAMSUNG EDE SERIES LARGE-SIZED LED DISPLAY



GAIN FLEXIBILITY WITH EXPANDED CONNECTIVITY OPTIONS AND DISCOVER ADVANTAGES OVER CONVENTIONAL TELEVISIONS

Discover the advantages of EDE Series over consumer TV

EDE Series displays are ideal for businesses that have basic digital signage needs or already have a digital signage infrastructure and only need displays. In addition, implementing Samsung LED BLU displays have significant advantages versus using TVs.

- **High reliability**
EDE Series displays are ideal for businesses that have basic digital signage needs or already have a digital signage infrastructure and only need displays. In addition, implementing Samsung LED BLU displays have significant advantages versus using TVs.

- **Landscape or portrait display installation options**
EDE Series displays are capable of being installed in landscape or portrait position. The displays are designed and engineered to operate unaffected of its installation position. This allows greater flexibility far beyond the capabilities of conventional TVs.

Simplify installation with slim, lightweight displays

Unlike traditional projectors and screens, EDE Series displays can be installed readily with no special equipment. The Samsung LED BLU technology enables a slim, easy-to-handle design with the display depth ranging from 55.9 mm (2.2 in) (for ED65E) to 57.77 mm (2.27 in) (for ED75E).

EDE Series displays have the side-type connectivity, which allows connectors and cables to be connected sideways unlike the typical backward-facing connectivity panel. With the side-type connectivity, the space behind the display can be minimized allowing for a much less overall space required for installation. The ultra-slim bezel design - with bezels as thin as 12.0 mm (0.47 in) for ED75E and 18.0 mm (0.71 in) for ED65E on the top and sides - offers an aesthetic look that enables the viewer to focus on the message rather than the device delivering it.

EDE Series displays support installation in both landscape and portrait modes, which allows optimal placement flexibility.

Model		ED65E	ED75E	
Panel	Diagonal Size	65"	75"	
	Type	60Hz LED BLU	120Hz LED BLU	
	Resolution	1920 x 1080 (16:9)	1920 x 1080 (16:9)	
	Pixel Pitch(mm)	0.744(H) x 0.744(V)	0.2865(H) x 0.8595(V)	
	Active Display Area(mm)	1428.48(H) x 803.52(V)	1650.24(H) x 928.26(V)	
	Brightness(Typ.)	400nit	400nit	
	Contrast Ratio	4,000:1	5000:1	
	Viewing Angle(H/V)	178:178	178:178	
	Response Time(G-to-G)	6ms	4ms	
	Display Colors	10bit Dithering - 1.07Billion	10bit Dithering - 1.07Billion	
Color Gamut	70%	70%		
Operation Hour	16/7	16/7		
Display	Dynamic C/R	Mega. DCR (AV Mode)	Mega. DCR (AV Mode)	
	H-Scanning Frequency	30 ~ 81kHz	30 ~ 81kHz	
	V-Scanning Frequency	48 ~ 75Hz	48 ~ 75Hz	
	Maximum Pixel Frequency	148.5MHz	148.5MHz	
Sound	Speaker Type	Built in Speaker(10W + 10W)	Built in Speaker(10W + 10W)	
INPUT	RGB	Analog D-SUB, DVI-D	Analog D-SUB, DVI-D	
	VIDEO	CVBS, Component, HDMI	CVBS, Component, HDMI	
	AUDIO	Stereo mini Jack	Stereo mini Jack	
	USB	USB Player	USB Player	
OUTPUT	RGB	N/A	N/A	
	VIDEO	N/A	N/A	
	AUDIO	Stereo mini Jack	Stereo mini Jack	
	Power Out	N/A	N/A	
EXTERNAL CONTROL		RS232C(in/out) thru stereo jack	RS232C(in/out) thru stereo jack	
EXTERNAL SENSOR		Yes	Yes	
Power	Type	Internal	Internal	
	Power Supply	AC 100 - 240 V~ (+/- 10%), 50/60 Hz	AC 100 - 240 V~ (+/- 10%), 50/60 Hz	
	Power Consumption	Max[W/h]	253	275
		Typical[W/h]	180	215
		BTU(Max)	862.73	937.75
		Sleep Mode	less than 0.5W	less than 0.5W
Off Mode	less than 0.5W	less than 0.5W		
Operation	Operating Temperature	0°C~ 40°C	0°C~ 40°C	
	Humidity	10~80%	10~80%	

Mechanical Spec	Dimension (mm)	Set	1467.4x848x56.2	1676.2x959.5x88.4(except handle 57.7)
		Package	1600 x 980 x 287	1810X1085X250
	Weight (kg)	Set	27.4	34.1
		Package	35.4	44.1
	VESA Mount		400*400mm	400*400mm
	Protection Glass		N/A	N/A
	Stand Type		Foot Stand (Optional)	Foot Stand (Optional)
Bezel Width (mm)		18.0 (Bottom 23.5)	10.9 (Bottom 16.9)	
Feature	Special	Built in Speaker(10W + 10W), PIP/PBP, Narrow Bezel, Light Weight, RS232 In/Out, 1 D-Sub & 1 HDMI"	Built in Speaker(10W + 10W), PIP/PBP, Narrow Bezel, Light Weight, RS232 In/Out, 1 D-Sub & 1 HDMI"	
Certification	Safety	EN60950-1	EN60950-1	
	EMC	Class A	Class A	
	Environment	N/A	N/A	
Accessories	Included	Quick Setup Guide, Warranty Card, D-Sub cable, Power Cord, Remote Controller, Batteries	Quick Setup Guide, Warranty Card, D-Sub cable, Power Cord, Remote Controller, Batteries	
	Optional	Stand	STN-L4055AD	STN-L75E
		Mount	WMN6575SD WMN4277SD	WMN6575SD WMN4277SD
		Specialty	CML450D (Ceiling Mount)	CML450D (Ceiling Mount)

NOTE

About Samsung

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For more information

For more information about Samsung EDE Series displays, visit www.ProTVSolutions.com or call 888-866-9981



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