

UE Series

Breakthrough with a totally immersive viewing environment



Samsung UE Series are designed with the largest image display area possible for the greatest visual impact. Super-narrow bezels create a near-seamless image that allows customers to concentrate on the message being displayed. Easy to install and configurable for either landscape, portrait or video display wall, the UE Series video displays are flexible business assets for hospitality, civic and entertainment environments.

UE Series Features



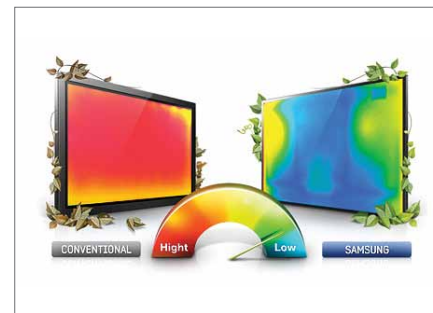
Edge-Lit LED Technology

Edge-lit LED solution utilises LED lamps around the edge of the panel so the LEDs emit light on the side of the panel. This results in a much thinner screen that requires fewer lamps meaning reduced power consumption and less heat generation. Its slim and light weight design offers heavy weight communication solutions for any business looking to convey concise marketing or educational messages.



Best Solution For Your Video Wall

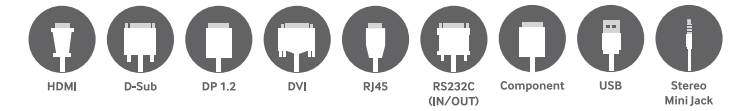
Samsung is changing the look, cost, and longevity of video display walls. At 11mm in thickness, the bezel to bezel for the Samsung UE Series has been designed to maximise viewing experience. The slim bezel removes any distraction from your sight to provide a greater surface area. The UE Series also utilises Edge-Type LED, allowing it to be much slimmer than the competition.



Reduced Heat

Conventional LFDs emit consistent amounts of heat across the breadth of the display, while the new Samsung LFD not only minimise it but centralise it around the sides of the screen. This proves helpful in creating a more enjoyable environment to be in, especially when working in close proximity to the displays, for example, at a business convention.

Connections at a glance



UE Series Specifications

Model		UE46C	UE55C	
Panel	Diagonal Size	46"	55"	
	Type	240 Hz e-LED BLU		
	Resolution	1920x1080 (16:9)		
	Pixel Pitch (mm)	0.15 (H) x 0.46 (V)	0.21 (H) x 0.63 (V)	
	Active Display Area (mm)	1018.08 (H) x 572.67 (V)	1209.6 (H) x 680.4 (V)	
	Brightness (Typ.)	500 cd/m ²		
	Contrast Ratio	5,000:1		
	Viewing Angle (H/V)	178:178		
	Response Time (G-to-G)	4 ms		
	Display Colours	16.7M		
	Colour Gamut	72%		
	Display	Dynamic C/R	100,000:1 (AV Mode)	
H-Scanning Frequency		30 ~ 81KHz		
V-Scanning Frequency		48 ~ 75Hz		
Maximum Pixel Frequency		148.5MHz		
Connectivity	Input	RGB	Analogue D-SUB, DVI-D, Display Port 1.2	
		Video	HDMI1, HDMI2, Component (CVBS Common)	
		Audio	Stereo Mini Jack	
	Output	RGB	Display Port 1.2 (Loop-out)	
		Video	N/A	
		Audio	Stereo Mini Jack	
Power Out	Stereo Mini Jack			
External Control	RS232C (In/Out) Through Stereo Jack, RJ45			
External Sensor	N/A			
Power	Type	Internal		
	Power supply	AC 100 - 240 V - (+/- 10%), 50/60 Hz		
	Power Consumption	Max (W/h)	132	154
		Typical [W/h]	89	103
		BTU (Max)	450.12	525.14
		Sleep Mode	Less Than 0.5W	
Off Mode	Less Than 0.5W			
Mechanical	Dimension (mm)	132	154	
	Weight	W1030.3 x H584.8 x D29.9	W1221.8 x H692.6 x D29.9	
	VESA Mount (mm)	400 x 400		
	Protection Glass	N/A		
	Touch Overlay	N/A		
	Stand Type	Foot stand (optional)		
Bezel Width (mm)	5.6			
Feature	Embedded Media Player	Samsung SMART Signage Platform with 8GB storage (for full system on chip specifications, see page 6)		