

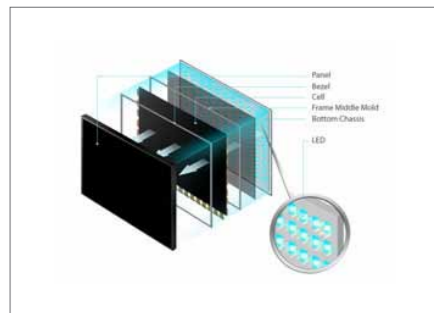
MD Series

Economical and lightweight display featuring a number of connectivity options



The MD Series brings a touch of sophistication to high traffic areas in commercial, public and corporate environments. Easy to transport and install, the screens combine a thin chassis with slim bezels that help focus attention on the message not the medium.

MD Series Features



Direct-Lit LED Technology

Direct-lit LED technology provides the brilliance and energy savings of LED technology, at a lower price point. Direct-lit LED technology allows users to upgrade to LED for the same price as CCFL LFD.



Low power consumption

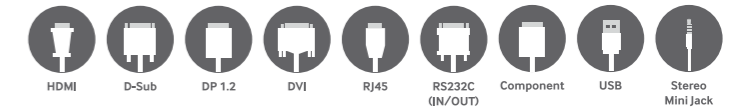
The Samsung MD Series deliver a cost-effective solution that's also gentle on the planet with the eco-friendly, low power consuming LED back light solution. Plus, you can optimise the conditions of your digital signage by reducing the amount of heat radiating through the actual display area.



Narrow Bezel

MD Series displays feature narrow bezels of just 17.5mm/.68" with a bottom bezel of 21.5mm/.84" (MD32: 16.5mm/.64" with a bottom bezel of 22mm/.80"). Narrow bezels provide a sleek, sophisticated look while providing maximum viewing area.

Connections at a glance



MD Series Specifications

Model		MD32C	MD40C	MD46C	MD55C	MD65C	
Panel	Diagonal Size	32"	40"	46"	55"	65"	
	Type	60 Hz LED BLU			120 Hz LED BLU		
	Resolution	1,920 x 1,080 (16:9)					
	Pixel Pitch (mm)	0.12 (H) x 0.36 (V)	0.15 (H) x 0.46 (V)	0.17 (H) x 0.53 (V)	0.21 (H) x 0.63 (V)	0.24 (H) x 0.74 (V)	
	Active Display Area (mm)	698.4 (H) x 392.85 (V)	885.6 (H) x 498.15 (V)	1018.08 (H) x 572.67 (V)	1209.6 (H) x 680.4 (V)	1428.48 (H) x 803.52 (V)	
	Brightness (Typ.)	350 cd/m ²				450 cd/m ²	
	Contrast Ratio	5,000:1				4,000:1	
	Viewing Angle (H/V)	178:178					
	Response Time (G-to-G)	8ms				6.5ms	
	Display Colours	16.7M					
	Colour Gamut	72%				70%	
	Display	Dynamic C/R	10,000 : 1 (AV Mode)				10,000 : 1
		H-Scanning Frequency	30 ~ 81 kHz				
V-Scanning Frequency		48 ~ 75 Hz					
Maximum Pixel Frequency		148.5 MHz					
Connectivity	Input	RGB	Analogue D-SUB, DVI-D			Analogue D-SUB, DVI-D, Display Port 1.2	
		Video	HDMI, Component (CVBS Common)			HDMI1, HDMI2, Component (CVBS Common)	
		Audio	Stereo Mini Jack				
	Output	RGB	N/A			Display Port 1.2 (Loop-Out)	
		Video	N/A				
		Audio	Stereo Mini Jack				
		Power Out	N/A				
	External Control	RS232C (in/out) Through Stereo Jack, RJ45					
	External Sensor	N/A				IR, Ambient Light (Optional)	
	Power	Type	Internal				
Power Supply		AC 100 - 240 V~ (+/- 10%), 50/60 Hz					
Power Consumption		Max (W/h)	77	110	121	165	253
		Typical (W/h)	47	58	65	866.4	230
		BTU (Max)	262.57	375.1	412.61	562.65	862.73
		Sleep Mode	Less Than 0.5W				Less Than 1W
Off Mode							
Mechanical	Dimension (mm)	W736 x H436 x D93.5	W925.4 x H542.6 x D93.5	W1057.8 x H617 x D94.5	W1248.7 x H724.2 x D94.5	W1467.4 x H848 x D56.2	
	Weight (kg)	6.4	9.8	12.6	18.5	26.8	
	VESA Mount (mm)	200 x 200			400 x 400		
	Protection Glass	N/A					
	Touch Overlay	N/A					
	Stand Type	Foot stand (optional)					
Feature	Bezel Width (mm)	16.3 (Bottom 21.9)	17.4 (Bottom 22.0)	17.4 (Bottom 22.0)	17.5 (Bottom 22.2)	18.0 (Bottom 23.5)	
	Embedded Media Player	Samsung SMART Signage Platform with 4GB storage (for full system on chip specifications, see page 6)					