

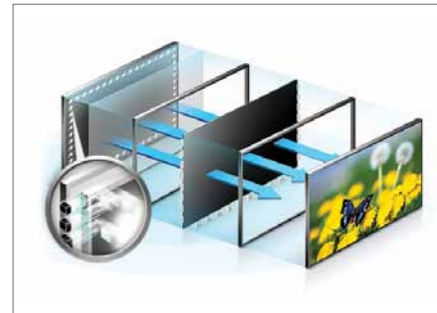
ME Series

Super bright, slim, lightweight display featuring edge-lit LED technology



These ultra-slim displays use up to 35% less energy than CCFL LCD displays yet still deliver brilliant images that demand to be noticed. The narrow bezel maximises screen area adding real impact to your messages, while the svelte, lightweight design aids easy installation.

ME 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.



High Connectivity

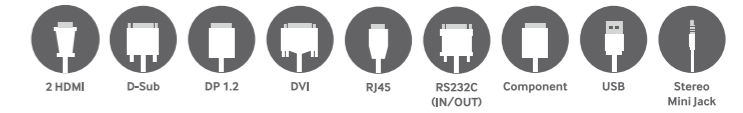
Access a wide range of digital content for a more engaging user experience with our comprehensive connectivity options. Connect PCs and other compatible devices to display the content that is most relevant to your audience. The ME Series lets you control your display with both Ethernet/RS-232C remote control simultaneously. The ME Series also benefits from having 2 HDMI ports.



Reduced Heat

Conventional LFDs emit consistent amounts of heat across the breadth of the display, while the new Samsung edge lit not only minimises 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, like at a business convention.

Connections at a glance



ME Series Specifications

| Model | | ME32C | ME40C | ME46C | ME55C | ME75C | |
|-------------------------|------------------------------|--|---|--------------------------|--------------------------|--------------------------|---------|
| Panel | Diagonal Size | 32" | 40" | 46" | 55" | 75" | |
| | Type | 60 Hz LED BLU | | | 120 Hz LED BLU | 240 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) | 0.17 (H) x 0.53 (V) | 0.28 (H) x 0.85 (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) | 1018.08 (H) x 572.67 (V) | 1650.24 (H) x 928.26 (V) | |
| | Brightness (Typ.) | 450 cd/m ² | | | | 550 cd/m ² | |
| | Contrast Ratio | 5,000 : 1 | | | | | |
| | Viewing Angle (H/V) | 178:178 | | | | | |
| | Response Time (G-to-G) | 8ms | | | | | |
| | Display Colours | 16.7 M | | | | | |
| | Colour Gamut | 72% | | | | | |
| | Display | Dynamic C/R | 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, Display Port 1.2 | | | | |
| | | Video | HDMI1, HDMI2, Component (CVBS Common) | | | | |
| | | Audio | Stereo Mini Jack | | | | |
| | Output | RGB | DP 1.2 (loop-out) | | | | |
| | | Audio | Stereo mini jack | | | | |
| | External Control | RS232C (in/out) Through Stereo Jack, RJ45 | | | | | |
| External Sensor | 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 | 143 | 319 |
| | | Typical (W/h) | 62 | 93 | 97 | 122 | 290 |
| | | BTU (Max) | 262.57 | 375.1 | 412.61 | 487.63 | 1087.79 |
| | Sleep Mode | Less Than 0.5W | | | | | |
| | Off Mode | Less Than 1W | | | | | |
| Mechanical Specs | Dimension (mm) | W734.8 x H433.8 x D29.9 | W922.1 x H539.4 x D29.9 | W1057.6 x H615.8 x D29.9 | W1248 x H722.4 x D29.9 | W1678.2 x H958.7 x D48.4 | |
| | Weight (kg) | 6.7 | 10.6 | 13.1 | 16.4 | 44 | |
| | VESA Mount (mm) | 200 x 200 | | | 400 x 400 | | |
| | Touch Overlay | Optional | | | | | |
| | Protection Glass | | | | | | |
| | Stand Type | Foot stand (optional) | | | | Stand (optional) | |
| Bezel Width (mm) | 16.2 (Bottom 20.8) | 16.2 (Bottom 20.9) | 17.3 (Bottom 20.9) | 17.2 (Bottom 20.8) | 12.5mm (Bottom 15.0mm) | | |
| Feature | Embedded Media Player | Samsung SMART Signage Platform with 4GB storage (for full system on chip specifications, see page 6) | | | | | |