



## Maximize your message with a brilliant eco-friendly LED-display

With a unique design and impressive features like the brightness sensor and embedded media player, this product is ideal for business.

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### BENEFITS

- Edge LED BLU-display with high brightness and low power consumption
- Integrated solution with media player and speakers
  - Samsung Smart Signage Platform (SSSP)
- Easy scheduling with flexible calendar
- RS-232 & RJ45 for monitoring

|                          |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                    |                           | ME75C                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Panel                    | Diagonal Size             | 75"                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                          | Type                      | 240 Hz LED BLU                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                          | Resolution                | 1920x1080 (16:9)                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                          | Pixel Pitch (mm)          | 0.2865 (H)×0.8595 (V)                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                          | Active Display Area (mm)  | 1650.24 (H)×928.26 (V)                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                          | Brightness                | 550 cd/m2                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                          | Contrast Ratio            | 5000:1                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                          | Viewing Angle (H/V)       | 178:178                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                          | Response Time (G-to-G)    | 8 ms                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                          | Display Colors            | 10 bit Dithering - 1.07 Billion                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                          | Color 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                 | Analog D-SUB, DVI-D, Display Port 1.2                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                          | Input video               | HDMI1, HDMI2, Component (CVBS Common)                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                          | Input audio               | Stereo mini Jack                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                          | Output RGB                | DP1.2 (Loop-out)                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                          | Output video              | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                          | Output audio              | Stereo mini Jack                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                          | Output Power Out          | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                          | External control          | RS232C (in/out) thru stereo jack, RJ45                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                          | External sensor           | IR, Ambient Light                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                          |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Power                    | Type                      | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                          | Supply                    | AC 100 - 240 V~ (+/- 10 %), 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                          | Consumption Max [W/h]     | 319                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                          | Consumption Typical [W/h] | 230                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                          | Consumption BTU (Max)     | 1087.79                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                          | Consumption Sleep mode    | less than 1 W                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                          | Consumption Off mode      | less than 1 W                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Mechanical specification | Set Dimension (mm)        | 1678.2x958.7x48.4                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                          | Package Dimension         | 1863.0x1173.0x473.0                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                          | Set Weight (kg)           | 44                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                          | Package Weight (kg)       | 69.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                          | VESA Mount                | 400x400 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                          | Protection Glass          | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                          | Stand Type                | Foot Stand (optional)                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                          | Media Player Option Type  | Embbded, SBB-C/PIM-B (Attachable)                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                          | Bezel Width (mm)          | 12.5 mm (Bottom 15.0 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                          |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Operation                | Operating Temperature     | 0°C~40° C                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                          | Humidity                  | 10~80%                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Feature                  | Key                       | Slim & Light LFD with Built-in MagicInfo Lite                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                          | Special                   | Magic Clone(to USB), Auto Source Switching & Recovery, Lamp Error Detec-tion, Super Clear Coating, Temperature Sensor, RS232C/RJ45 MDC,Plug and Play (DDC2B), PIP/PBP, Video Wall (10x10), Pi-vot Display, Image Rotation, Button Lock, DP 1.2 Digital Daisy Chain (Supporting 2x2 UHD Resolution, HDCP Support), Smart Scheduling, Smart F/W update, Clock Battery (80hrs Clock Keeping) Built In MagicInfo (Lite, Premium-S, Videowall-S) WiFi Embedded, WiDi 2.0 |

|                                   |                       |                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Internal Player<br>(Embedded H/W) | Processor             | Cortex-A9 1 GHz Dual Core CPU                                                                                                                                                                                                                                                                                                                                                                              |
|                                   | On-Chip Cache Memory  | L1 (I/D): 32 KB/32 KB, L2 (Unified): 512KB                                                                                                                                                                                                                                                                                                                                                                 |
|                                   | Clock Speed           | 1 GHz CPU Dual                                                                                                                                                                                                                                                                                                                                                                                             |
|                                   | Main Memory Interface | 1 GB Dual 32 bit DDR3-667 (1333 MHz)                                                                                                                                                                                                                                                                                                                                                                       |
|                                   | Graphics              | 2D & 3D Graphics Engine<br>- Up to 1920x1080, 32 bpp<br>- Supports Open GL ES                                                                                                                                                                                                                                                                                                                              |
|                                   | Storage (FDM)         | 4 GB (1.2 GB Occupied by O/S, 2.8 GB Available,)                                                                                                                                                                                                                                                                                                                                                           |
|                                   | Multimedia            | Video Decoder<br>- MPEG-1/2, H.264/AVC (Dual)<br>- VC-1, JPEG, PNG<br>Audio DSP (Decoder)<br>- AC3 (DD), MPEG, DTS and etc.                                                                                                                                                                                                                                                                                |
|                                   | Host Bus              | TBD                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                   | IO Ports              | USB 2.0                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                   | Operating System      | Linux                                                                                                                                                                                                                                                                                                                                                                                                      |
| Certification                     | Safety                | cUL (USA+Canada): UL60950<br>TUV (Germany): EN60950<br>CB (Europe): IEC60950/EN60950<br>EK (Korea): K60950<br>CCC (China): GB4943.1<br>PSB (Singapore ): IEC60950<br>GOST (Russia ): IEC60950, EN55022<br>SIQ (Slovenia ): IEC60950, EN55022<br>PCBC (Poland ): IEC60950, EN55022<br>NOM (Mexico ): NOM-001-SCFI-1993<br>IRAM (Argentina ): IRAM<br>SASO (Saudi Arabia ): IEC60950<br>BIS (India): IS13252 |
|                                   | EMC                   | FCC (USA): FCC Part 15, Subpart B class A<br>CE (Europe): EN55022, EN55024<br>VCCI (Japan): V-3 (CISPR22)<br>KCC (Korea): KN22, KN24<br>BSMI (Taiwan): CNS13438 (CISPR22)<br>C-Tick (Australia): AS/NZS3548 (CISPR22)<br>CCC (China):GB 9254-2008, GB 17625.1-2003                                                                                                                                         |
| Accessories                       | Environment           | ENERGY STAR 6.0 (USA)                                                                                                                                                                                                                                                                                                                                                                                      |
|                                   | Included              | Quick Setup Guide, Warranty Card, Application CD, D-Sub cable, Power Cord, Remote Controller, Batteries<br>RS232C to Stereo Gender in/out Cable, Component Gender, Holder P-Ring, Holder Wire Stand                                                                                                                                                                                                        |
|                                   | Optional Stand        | STN-L75D                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                   | Optional Mount        | WMN4675MD                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                   | Optional Specialty    | N/A                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                   |                       |                                                                                                                                                                                                                                                                                                                                                                                                            |
| Media Player                      | CPU                   | SBB-C, PIM (Optional)                                                                                                                                                                                                                                                                                                                                                                                      |
|                                   | N/B                   | SBB-C, PIM (Optional)                                                                                                                                                                                                                                                                                                                                                                                      |
|                                   | S/B                   | SBB-C, PIM (Optional)                                                                                                                                                                                                                                                                                                                                                                                      |
|                                   | GPU                   | SBB-C, PIM (Optional)                                                                                                                                                                                                                                                                                                                                                                                      |
|                                   | FDM/HDD               | SBB-C, PIM (Optional)                                                                                                                                                                                                                                                                                                                                                                                      |
|                                   | Memory                | SBB-C, PIM (Optional)                                                                                                                                                                                                                                                                                                                                                                                      |
|                                   | Ethernet              | SBB-C, PIM (Optional)                                                                                                                                                                                                                                                                                                                                                                                      |
|                                   | Connectivity USB      | SBB-C, PIM (Optional)                                                                                                                                                                                                                                                                                                                                                                                      |
|                                   | Connectivity Output   | SBB-C, PIM (Optional)                                                                                                                                                                                                                                                                                                                                                                                      |
|                                   | Connectivity Others   | SBB-C, PIM (Optional)                                                                                                                                                                                                                                                                                                                                                                                      |
|                                   |                       |                                                                                                                                                                                                                                                                                                                                                                                                            |