

## Samsung VM55B-U LED Indoor

**Brand :** Samsung

**Product family:** VMB-U

**Product code:**  
LH55VMBUBGBXEN

**Product name :** VM55B-U

Samsung VM55B-U. Display diagonal: 139.7 cm (55"), Display resolution: 1920 x 1080 pixels, Display technology: LED, Display brightness: 500 cd/m², HD type: Full HD, Operating hours (hours/days): 24/7. Product colour: Black



| Display                      |                     | Ports & interfaces                      |                                                                                                                                                                                                                                                                 |
|------------------------------|---------------------|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Display technology *         | LED                 | RS-232 input ports                      | 1                                                                                                                                                                                                                                                               |
| Display diagonal             | 139.7 cm (55")      | RS-232 output ports                     | 1                                                                                                                                                                                                                                                               |
| Display resolution           | 1920 x 1080 pixels  | USB port                                | ✓                                                                                                                                                                                                                                                               |
| HD type                      | Full HD             | USB ports quantity                      | 1                                                                                                                                                                                                                                                               |
| Panel type                   | IPS                 | HDCP                                    | ✓                                                                                                                                                                                                                                                               |
| Pixel pitch *                | 0.63 x 0.63 mm      | HDCP version                            | 2.2                                                                                                                                                                                                                                                             |
| Display brightness *         | 500 cd/m²           | IR input ports quantity                 | 1                                                                                                                                                                                                                                                               |
| Contrast ratio (typical)     | 1200:1              | Audio input                             | ✓                                                                                                                                                                                                                                                               |
| Contrast ratio (dynamic)     | 45000:1             | Audio output                            | ✓                                                                                                                                                                                                                                                               |
| Response time                | 0.008 s             |                                         |                                                                                                                                                                                                                                                                 |
| Viewing angle, horizontal    | 178°                |                                         |                                                                                                                                                                                                                                                                 |
| Viewing angle, vertical      | 178°                |                                         |                                                                                                                                                                                                                                                                 |
| Horizontal scan range        | 62.7 - 72.3 kHz     |                                         |                                                                                                                                                                                                                                                                 |
| Vertical scan range          | 57 - 63 Hz          |                                         |                                                                                                                                                                                                                                                                 |
| Haze rate                    | 25%                 |                                         |                                                                                                                                                                                                                                                                 |
| Colour gamut                 | 72%                 |                                         |                                                                                                                                                                                                                                                                 |
| Operating hours (hours/days) | 24/7                |                                         |                                                                                                                                                                                                                                                                 |
| Design                       |                     | Power                                   |                                                                                                                                                                                                                                                                 |
| Placement supported *        | Indoor              | Power consumption (typical) *           | 220 W                                                                                                                                                                                                                                                           |
| Orientation *                | Horizontal/Vertical | Power consumption (standby)             | 0.5 W                                                                                                                                                                                                                                                           |
| Bezel width (top)            | 2.25 mm             | Energy efficiency class (SDR)           | G                                                                                                                                                                                                                                                               |
| Bezel width (bottom)         | 1.25 mm             | Energy consumption (SDR) per 1000 hours | 165 kWh                                                                                                                                                                                                                                                         |
| Wall mountable               | ✓                   | AC input voltage                        | 100 - 240 V                                                                                                                                                                                                                                                     |
| VESA mounting                | ✓                   | AC input frequency                      | 50 - 60 Hz                                                                                                                                                                                                                                                      |
| Panel mounting interface     | 600 x 400 mm        |                                         |                                                                                                                                                                                                                                                                 |
| Product colour               | Black               |                                         |                                                                                                                                                                                                                                                                 |
| Ports & interfaces           |                     | Operational conditions                  |                                                                                                                                                                                                                                                                 |
| HDMI ports quantity          | 2                   | Operating temperature (T-T)             | 0 - 40 °C                                                                                                                                                                                                                                                       |
| HDMI input ports quantity    | 2                   | Storage temperature (T-T)               | 10 - 90 °C                                                                                                                                                                                                                                                      |
| HDMI version                 | 2.0                 |                                         |                                                                                                                                                                                                                                                                 |
| DVI port                     | ✓                   |                                         |                                                                                                                                                                                                                                                                 |
| DVI-D ports quantity         | 1                   |                                         |                                                                                                                                                                                                                                                                 |
| DisplayPorts quantity        | 1                   |                                         |                                                                                                                                                                                                                                                                 |
| DisplayPorts in              | 1                   |                                         |                                                                                                                                                                                                                                                                 |
|                              |                     | Sustainability                          |                                                                                                                                                                                                                                                                 |
|                              |                     | Certification                           | FCC (USA) Part 15, Subpart B Class ACE (Europe) : EN55032 : 2012 or 2015 ? EN55024:2010 or EN 55035:2017VCCI (Japan) : VCCI CISPR32:2016 Class BKCC/EK (Korea) : Tuner : KN13 / KN20Tunerless : KN22 / KN24BSMI (Taiwan) : CNS13438 ( ITE EMI ) Class A / CNS14 |
|                              |                     | Weight & dimensions                     |                                                                                                                                                                                                                                                                 |
|                              |                     | Width                                   | 1213.5 mm                                                                                                                                                                                                                                                       |
|                              |                     | Depth                                   | 73.1 mm                                                                                                                                                                                                                                                         |
|                              |                     | Height                                  | 684.3 mm                                                                                                                                                                                                                                                        |
|                              |                     | Weight                                  | 21.2 kg                                                                                                                                                                                                                                                         |

| Ports & interfaces         |     | Packaging data |         |
|----------------------------|-----|----------------|---------|
| DisplayPort version        | 1.2 | Mounting kit   | ✓       |
| Ethernet LAN               | ✓   | Package width  | 1398 mm |
| Ethernet LAN (RJ-45) ports | 1   | Package depth  | 257 mm  |
|                            |     | Package height | 844 mm  |
|                            |     | Package weight | 28.8 kg |



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### Catalog Object Cloud



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