

Specifications

| Model                |                            |                  | SM85HX                                                                                                                                                       |  |
|----------------------|----------------------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Display Panel        | Diagonal Size              | Class            | 85                                                                                                                                                           |  |
|                      |                            | Measured         | 84.5                                                                                                                                                         |  |
|                      | Resolution                 |                  | 2,160 x 3,840 (9:16)                                                                                                                                         |  |
|                      | Brightness (Typ.)          |                  | 500nit                                                                                                                                                       |  |
|                      | Orientation                |                  | Portrait                                                                                                                                                     |  |
|                      | Haze                       |                  | 25%                                                                                                                                                          |  |
|                      | Contrast Ratio (Typ.)      |                  | 4,000:1                                                                                                                                                      |  |
|                      | Type                       |                  | VA                                                                                                                                                           |  |
|                      | Active Display Area        |                  | 1,053.01(H) x 1,872.0(V)                                                                                                                                     |  |
|                      | Pixel Pitch (mm)           |                  | 0.487 x 0.487                                                                                                                                                |  |
| Connectivity / Sound | Color Gamut                |                  | 72% (NTSC)                                                                                                                                                   |  |
|                      | Operation Hour             |                  | 24/7                                                                                                                                                         |  |
|                      | INPUT                      | VIDEO            | DP1.2 (1), HDMI 2.0 (3)                                                                                                                                      |  |
|                      |                            | AUDIO            | N/A                                                                                                                                                          |  |
|                      |                            | USB              | USB 2.0 x 2                                                                                                                                                  |  |
|                      |                            | Tuner            | N/A                                                                                                                                                          |  |
|                      | OUTPUT                     | VIDEO            | N/A                                                                                                                                                          |  |
|                      |                            | AUDIO            | Stereo mini Jack                                                                                                                                             |  |
|                      |                            | USB              | N/A                                                                                                                                                          |  |
|                      | WiFi / BT                  |                  | O / O                                                                                                                                                        |  |
| Mechanical Spec      | EXTERNAL CONTROL           |                  | RS232C(in/out), RJ45                                                                                                                                         |  |
|                      | Speaker                    |                  | 10W 2ch                                                                                                                                                      |  |
|                      | Dimension (mm)             | Set              | 1,101.2 x 1,920.2 x 52.0                                                                                                                                     |  |
|                      |                            | Package          | 2,093 x 1,234 x 220                                                                                                                                          |  |
|                      | Weight (kg)                | Set              | 49                                                                                                                                                           |  |
|                      |                            | Package          | 61.9                                                                                                                                                         |  |
|                      | VESA Mount                 |                  | 400 x 600                                                                                                                                                    |  |
|                      | VESA Mount Screw (Min-Max) |                  | M8, L18~20                                                                                                                                                   |  |
| Design               | Bezel Width (mm)           |                  | 21.0 (Even)                                                                                                                                                  |  |
|                      | Bezel Color                |                  | Black                                                                                                                                                        |  |
| Features             | Key                        |                  | UHD Signage with Built-in MagicInfo S10, SSSP10.0                                                                                                            |  |
|                      | Internal Player            | Operating System | Tizen 7.0                                                                                                                                                    |  |
|                      |                            | Processor        | CA731.6GHz Quad-Core                                                                                                                                         |  |
|                      |                            | Storage (FDM)    | 16 GB (10 GB available)                                                                                                                                      |  |
|                      | Special                    | H/W              | Virtual 3D Spatial Effect, 2nd Gen. B2B Design, Center IR, Temperature Sensor, Ambient Sensor, Wi-Fi (2.4/5.0GHz dual) & BT                                  |  |
|                      |                            | S/W              | Signage New Home, Workspace (Microsoft365/RDP), Custom Home, Auto Source Switching & Recovery, Upgradable Web-Engine, Tizen Enterprise Platform, HDR support |  |
| Certification        | Safety                     |                  | 60950-1 / 62368-1                                                                                                                                            |  |
|                      | EMC                        |                  | Class A                                                                                                                                                      |  |
|                      | Environment                |                  | -                                                                                                                                                            |  |
|                      | IP Rating                  |                  | IP5x                                                                                                                                                         |  |
|                      | Security                   |                  | 802.1 x (WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP, WPA3-Personal                                                                                       |  |
| Power                | Power Supply               |                  | AC100 - 240 V, 50/60 Hz                                                                                                                                      |  |
|                      | Power Consumption          | Max [W/h]        | 484                                                                                                                                                          |  |
|                      |                            | Typical [W/h]    | 340                                                                                                                                                          |  |
|                      |                            | Sleep mode       | less than 0.5W                                                                                                                                               |  |
| Operating Condition  | Temperature                |                  | 0°C~ 40°C                                                                                                                                                    |  |
|                      | Relative Humidity          |                  | 10~80%                                                                                                                                                       |  |
| Accessories          | Included                   |                  | Quick Setup Guide, Warranty Card, Power Cord, RS232C(IN) Gender, Remote Controller & Batteries                                                               |  |
|                      | Optional                   | Stand            | -                                                                                                                                                            |  |
|                      |                            | Mount            | -                                                                                                                                                            |  |
|                      |                            | Specialty        |                                                                                                                                                              |  |

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Spatial Signage  
SMHX series

**3D Showcase –  
Bring your brand to life**

Delivers immersive realism through display innovation. Samsung's Spatial Signage transforms ordinary content into striking 3D visuals that capture attention. Powered by Samsung's 3D plate technology, it adds depth and dimension to any scenes—without special glasses or separately created 3D content. The result is a vivid and engaging visual experience that feels closer to reality.

Beyond its visual performance, Spatial Signage is designed for ease and flexibility. The slim 52mm profile works seamlessly with a slim-fit wall mount, offering clean, space-saving installation in various environment. Samsung VXT with True 3D Enhancer lets businesses easily manage content, adjust 3D effects, and monitor devices remotely.

Key features



**Virtual 3D Display**  
Powered by Samsung's 3D plate technology, this display goes beyond your 2D content-bringing it to life in 3D, face-to-face with your audience. Vivid details feel almost within reach, making every moment unforgettable.



**UltraThin Design**  
Delivering 3D visuals in a 52mm slim profile, Spatial Signage installs as easily as standard signage. Compatible with a slim-fit wall mount, it ensures neat, space-saving installation that blends naturally into various environment—making 3D display integration straightforward and seamless.

\* Slim Fit Wall Mount must be purchased separately.



**True 3D Enhancer**  
Maximizes the 3D effect for greater impact. Samsung's enhancement solution adds subtle shadow effects to enhance depth perception, making 3D visuals more vivid and impactful.

\* VXT must be purchased separately and the feature's availability may vary by region.



**Samsung VXT**  
The cloud-based Samsung VXT brings together content management and remote device management capabilities. Remotely manage hardware settings and troubleshoot issues while creating and deploying content effortlessly with no previous training needed.

\* VXT must be purchased separately and the feature's availability may vary by region.  
\* Actual UI may differ and is subject to change without notice.