

# Samsung DB22D-P display

Provide an immersive viewing experience with wide viewing angle panel



## Highlights

- Experience the advantages of a highly-reliable professional-grade display backed by 3-year warranty.
- Boost power and functionality with the 2<sup>nd</sup> Generation Samsung SMART Signage Platform (SSSP)
- Project crisp, clear images with FHD output and a wide viewing angle (WVA) panel for the ultimate viewing experience
- Simplify networking with a built-in Wi-Fi module
- Leverage the Samsung global brand identity
- Gain flexibility with a compact, 21.5" screen size

## Rely on the dependability of Samsung professional-grade displays

Unlike consumer electronics which often results in shorter equipment life spans and malfunctions, Samsung small-sized displays are designed to withstand the rigorous work hours of a commercial environment. In addition, Samsung small-sized displays deliver effective messaging for your business with a WVA display panel.

## Captivate audiences with a dynamic WVA display panel

The Samsung DB22D-P model boasts an impressive wide viewing angle (WVA) panel. Samsung's WVA technology results in an improved viewing angle experience, typically not seen in displays of this kind, and increased brightness for enhanced FHD image quality, clarity and flexibility.

## Empower with 2<sup>nd</sup> Generation SSSP and Samsung's respected branding

Experience unparalleled performance with Samsung's industry-leading 2nd Generation SSSP and powerful quad-core processor with SoC technology. Plus, eliminate the need for a separate PC or media player with the included MagicInfo Player S2 all-in-one, embedded content management solution.

The technological power of the DB22D-P is backed by Samsung's reputation for engineering reliable, cutting-edge digital signage. Its leadership in the industry has made it a global powerhouse in serving the B2B industry and a name that is trusted worldwide.



# Samsung DB22D-P display

## Specifications

			DB22D-P	
Panel	Diagonal Size		21.5"	
	Type		60 Hz E-LED BLU	
	Resolution		1,920 x 1,080	
	Pixel Pitch (mm/in.)		0.2482 x 0.2482 (0.009 x 0.009)	
	Active Display Area (mm/in.)		476.6 x 268.1 (18.7 x 10.5)	
	Brightness (Typ.)		250 nit	
	Contrast Ratio (Typ.)		1000:1	
	Viewing Angle (H/V)		178 / 178	
	Response Time (G-to-G)		14 ms	
	Display Colors		16.7 M	
	Color Gamut		72%	
Display	Dynamic C/R		50,000:1	
	H-Scanning Frequency		30 ~ 81 KHz	
	V-Scanning Frequency		48 ~ 75 Hz	
	Maximum Pixel Frequency		148.5 MHz	
Sound	Speaker Type		Built-in Speaker (1W x 2)	
Connectivity	Input	RGB	Analog D-SUB	
		VIDEO	HDMI®	
		AUDIO	Stereo mini Jack	
	External Control		RS232C(in) thru stereo jack, RJ45	
IO Ports		USB 2.0		
Power	Type		Internal	
	Power Supply		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	
	Power Consumption	Max [W/h], Typical [W/h]		44, 40
		BTU (Max)		150.04
		Sleep mode		less than 0.5 W
		Off mode		less than 0.5 W
Mechanical Spec	Dimension (mm/in.)	Set	507.5 x 311.2 x 57.8 (19.9 x 12.2 x 2.2)	
		Package	570 x 376 x 128 (22.4 x 14.8 x 5)	
	Weight (kg/lb)	Set	3.6 (7.9)	
		Package	4.9 (10.8)	
VESA Mount (mm)		100 x 100		
Operation	Operating Temperature		0 ~ 40 °C	
	Humidity		10 ~ 80%	
Feature	Key		Slim & Light SMART Signage with Built-in MagicInfo Player S2	
	Special	H/W	Temperature Sensor, Pivot Display, Image Rotation, Button Lock, Clock Battery (80 hrs Clock Keeping), Built-in Speaker, WiFi Module Embedded	
		S/W	Magic Clone (to USB), Auto Source Switching & Recovery, RS232C/RJ45 MDC, Plug and Play (DDC2B), PIP/PBP, Smart Scheduling, Smart F/W update, Built-In MagicInfo Player S2	
	Internal Player (Embedded H/W)	Processor		Cortex®-A9 1 GHz Quad Core CPU
Storage (FDM)			4 GB (2 GB occupied by O/S, 2 GB available)	
Certification	Safety		cUL, TUV, CB, EK, PSB, GOST, SIQ, PCBC, NOM, IRAM, SASO, BIS	
	EMC		FCC, CE, VCCI, KCC, BSMI, C-Tick, CCC	
Accessories	Included		Quick Setup Guide, Warranty Card, D-Sub cable, Power Cord, Remote Controller, Batteries	