

10.1"	DB10D	21.5"	DB22D-P
10.1"	DB10E-T	21.5"	DB22D-T
10.1"	DB10E-POE		



# A fully embedded small signage solution with touchscreen capability

## DB small signage commercial LED displays

Small opportunities can make a huge impact. Just look at the Samsung DB Series commercial displays. Ideal for retail environments, meeting rooms and public spaces, they feature the high-resolution HD graphics you've come to expect from Samsung. Every message will be brilliant and crystal-clear. The displays include internal media player functionality (SoC), which means you can easily show content with no external PC required. As for power, the quad-core processor can easily handle the most graphic-heavy content. And the embedded touch screen models bring a new way to entice and engage.

### Contact us

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## Key features



### Small size with full functionality

A small form factor signage solution with a fully embedded digital signage media player. It's as powerful as a fully featured standard size LFD.



### Enhanced System-on-Chip (SoC) performance with quad-core CPU

Powered by a System-on-Chip semiconductor and quad-core CPU, Samsung's Smart Signage Platform reduces TCO for digital signage deployments. It provides savings in hardware, installation and operating costs.



### Easy content control

The Samsung SMART Signage platform eliminates the need for an external media player. With Samsung MagicInfo™ content management software, selecting and scheduling software is easier than ever. And it's all easily controlled via RS232 or LAN.



### Built-in Wi-Fi or Power over Ethernet

In addition to HDMI, USB and D-Sub (analog) connectivity, the built-in Wi-Fi lets you easily share content from a mobile device. With Wi-Fi control of content, you can eliminate LAN cables, simplifying installation. Or you can use Power over Ethernet, to power devices over your network cable, with no separate power cable needed.



### High resolution

The DB small-size displays deliver sharp, stunning images with high resolution. Images are crisp, and type is sharp and highly legible.



### Reliable 16/7 operation

Samsung commercial displays are designed from the chassis up to deliver the highest quality images with exceptional reliability. You can count on 16/7 run times, and we back it up with a 3-year onsite commercial warranty.



### Embedded touch screen (-T models)

Touch screen capability delivers an entirely new level of audience engagement. Shoppers can easily tap, swipe and scroll to check pricing, view inventory and learn about promotions and events. It's a more immersive experience, for greater sales.

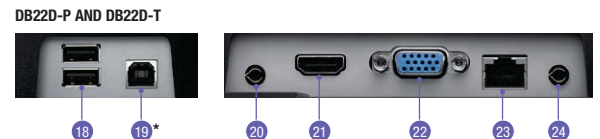
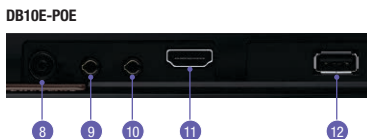
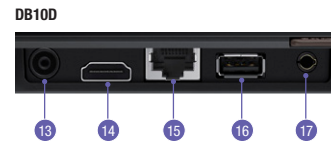
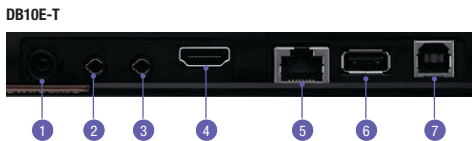
# Samsung DB small signage LED LCD displays



		DB10D	DB10E-T (Touchscreen)	DB10E-POE (Power over Ethernet)	DB22D-P	DB22D-T (Touchscreen)	
Display	Screen Size	10.1"	10.1" (Embedded Touch)	10.1"	21.5"	21.5" (Embedded Touch)	
	Panel Technology	60Hz E-LED BLU	60Hz E-LED BLU	60Hz E-LED BLU	60Hz Slim E-LED BLU	60Hz Slim E-LED BLU	
	Resolution	1280 x 800 (16:10)	1280x800 (16:10)	1280 x 800 (16:10)	1920 x 1080 (16:9)	1920 x 1080 (16:9)	
	Brightness	450 nits	400 nits	450 nits	250 nits	220 nits	
	Contrast Ratio	900:1	900:1	900:1	1000:1	1000:1	
	Viewing Angle (Horizontal/Vertical)	178:178	178:178	178:178	178:178	178:178	
	Orientation	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	
	Response Time (G-to-G)	30ms	30ms	30ms	14ms	14ms	
Connectivity	Input	HDMI, USB 2.0 x 1	HDMI, USB 2.0 x 2 (Up x 1, Down x 1)	HDMI, USB 2.0 x 1	Video: VGA (D-Sub 15 Pin), HDMI, Audio: Stereo Mini Jack, USB 2.0 x 2	Video: VGA (D-Sub 15 Pin), HDMI, Audio: Stereo Mini Jack, USB 2.0 x 3	
	Output	No	Stereo Mini Jack	Stereo Mini Jack	No	No	
	External Control	RS232C (in) thru stereo jack, RJ45					
Sound	Speaker Type	(1W x 1)	(5W x 1)	No	(1W x 2)	(1W x 2)	
Power	Power Supply	AC 100 - 240 V~ (+/- 10%), 50/60 Hz (External)	AC 100 - 240 V~ (+/- 10%), 50/60 Hz	PoE+ (30W) / AC 100 - 240 V~ (+/- 10%), 50/60 Hz	AC 100 - 240 V~ (+/- 10%), 50/60 Hz	AC 100 - 240 V~ (+/- 10%), 50/60 Hz	
	Power Consumption (Typical/Max)	18W / 18.7W	19W / 20.9W	18W / 19.8W	31W / 44W	31W / 44W	
	Power Consumption (Standby)	< 0.5W	0.5W	< 0.5W	< 0.5W	< 0.5W	
Environmental Conditions	Operating Temperature	0°C - 40°C	0°C - 40°C	0°C - 40°C	0°C - 40°C	0°C - 40°C	
	Operating Humidity	10%~80%, non-condensing	10%~80%	10%~80%	10%~80%	10%~80%	
Features	Special	Hardware	Temperature Sensor, Portrait Installation Support, Button Lock, Clock Battery (80hrs Clock Keeping), Built in Speaker (1Wx1), WiFi Module Embedded, SD Card Slot	Temperature Sensor, Portrait Mode, Button Lock, Clock Battery (80hrs Clock Keeping), Built in Speaker, WiFi Module Embedded, SD Card Slot, Touch (5 Point, 2 Drawing)	Temperature Sensor, Portrait Installation Support, Button Lock, Clock Battery (80hrs Clock Keeping), SD Card Slot, PoE+	Temperature Sensor, Pivot Display, Image Rotation, Button Lock, Clock Battery (80hrs Clock Keeping), Built in Speaker (1Wx2), WiFi Module Embedded	Touch (10 Point, 2 Drawing), Temperature Sensor, Pivot Display, Image Rotation, Button Lock, Clock Battery (80hrs Clock Keeping), Built in Speaker (1Wx2), WiFi Module Embedded
		Software	Magic Clone (to USB), Auto Source Switching & Recovery, RS232C/RJ45 MDC, Plug and Play (DDC2B), Image Rotation, Built In MagicInfo Player S2, Firmware Update by Network, LFD New Home Screen, Predefined Templates for Vertical Usage, Mobile Control, Event Schedule, Backup Player	Magic Clone (to USB), Auto Source Switching & Recovery, RS232C/RJ45 MDC, Plug and Play (DDC2B), Image Rotation, Built In MagicInfo Player S3, Firmware Update by Network, LFD New Home Screen, Predefined Templates for Vertical Usage, Mobile Control, Event Schedule, Backup Player	Magic Clone (to USB), Auto Source Switching & Recovery, RS232C/RJ45 MDC, Plug and Play (DDC2B), Image Rotation, Built In MagicInfo Player S3, Firmware Update by Network, LFD New Home Screen, Predefined Templates for Vertical Usage, Mobile Control, Event Schedule, Backup Player	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	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
	Tuner	No	No	No	No	No	
	SMART Signage Platform Compliant	Yes	Yes	Yes	Yes	Yes	
	Internal Media Player	Cortex-A9 1GHz Quad Core, 1.0GB DDR3-667, 4GB FDM, USB 2.0, Linux OS	Cortex-A9 1GHz Quad Core CPU, 1.5GB, DDR3-667, 8GB, USB 2.0, Samsung Proprietary OS (VDLinux)	Cortex-A9 1GHz Quad Core CPU, 1.5GB, DDR3-667, 8GB, USB 2.0, Samsung Proprietary OS (VDLinux)	Cortex-A9 1GHz Quad Core, 1.5GB DDR3-933, 4GB FDM, USB 2.0, Linux OS	Cortex-A9 1GHz Quad Core, 1.5GB DDR3-933, 4GB FDM, USB 2.0, Linux OS	
	VESA Standard Wall Mount Interface	50 x 50mm	75 x 75mm	75 x 75mm	100 x 100mm	100 x 100mm	
Dimensions	Product Dimensions (without stand)	9.7" x 6.5" x .98"	9.7" x 6.5" x 1.1"	9.7" x 6.5" x 1.1"	20.0" x 12.3" x 2.27"	20.0" x 12.3" x 2.33"	
	Packaging Dimensions	14.4" x 8.1" x 2.8"	11.8" x 8.1" x 3.1"	11.8" x 8.1" x 3.1"	22.4" x 14.8" x 5.0"	22.4" x 14.8" x 5.0"	
	Bezel Width	14.1mm	14.1mm	14.1mm	17.5 (top), 14.9 (side), 24.5 (bottom)	17.5 (top), 14.9 (side), 24.5 (bottom)	
Weight	Product Weight	1.3 lbs.	1.5 lbs.	1.5 lbs.	7.9 lbs	9.7 lbs.	
	Shipping Weight	2.6 lbs.	3.3 lbs.	3.3 lbs.	10.8 lbs	12.5 lbs.	
Service	Standard Warranty	2 Years On-Site (Parts / Labor / Backlight)			3 Years On-Site (Parts / Labor / Backlight)		
Accessories	Included	Quick Setup Guide, Warranty Card, Regulatory Guide, Power Cord, Adapter, Remote Controller, Batteries, RS232C-Stereo Cable, Stand Bar					
	Optional Mount	No	No	No	No	No	
	Optional Stand	No	No	No	No	No	
	Optional Media Player	No	No	No	No	No	
	Optional Touch Overlay	No	No	No	No	No	
	Optional Bezel Trim Kit	No	No	No	No	No	
Green Management	Emission Standard	EMC	EMC	EMC	EMC	EMC	
	Energy Star	N/A	N/A	N/A	N/A	N/A	
	RoHS Compliant	Yes	Yes	Yes	Yes	Yes	
	Packaging Recyclability	Packing Materials Recyclable	Packing Materials Recyclable	Packing Materials Recyclable	Packing Materials Recyclable	Packing Materials Recyclable	

## CONNECTIVITY

- DB10E-T**
  - 1. DC In
  - 2. Audio Out
  - 3. RS232C In
  - 4. HDMI In
  - 5. RJ45
  - 6. USB
  - 7. USB (PC)
- DB10D**
  - 13. DC In
  - 14. HDMI
  - 15. LAN
  - 16. USB
  - 17. RS232C
- DB22D-P and DB22D-T**
  - 18. USB
  - 19. USB (PC)\*
  - 20. RS232C In
  - 21. HDMI In (DVI)
  - 22. RGB In
  - 23. RJ45
  - 24. Audio In
- DB10E-POE**
  - 8. DC In
  - 9. Audio Out
  - 10. RS232C In
  - 11. HDMI In
  - 12. USB



\*DB22D-T only

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**SAMSUNG**  
BUSINESS

Samsung Electronics has been named 2015 ENERGY STAR Partner of the Year in the product manufacturing category by the U.S. Environmental Protection Agency (EPA).



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