



SAMSUNG SMART SIGNAGE

DBJ SERIES

Expand Engagement Possibilities through Powerful and Efficient Content Delivery

HIGHLIGHTS

- Elevate audience communications through high-quality professional-grade displays
- Condense content management into an all-in-one platform with the embedded MagicInfo Player S5
- Leverage the powerful TIZEN 3.0 operating system with superior graphic performance, easy platform development and advanced security
- Utilize the display to access content in a remote PC through a secure connection
- Deliver memorable content at a reduced total cost of operation (TCO)

INDUSTRY TRENDS

As the digital signage industry continues to grow, many businesses are evaluating potential opportunities to improve their own communication channels. During this process, it can be challenging for these businesses to truly understand the features and functionalities that will drive the best results. Fortunately, modern digital display innovations offer limitless possibilities for businesses to customize solutions that will inform, engage and entertain key audiences. Today's displays are versatile and accommodate a range of business needs, all while adding style and sophistication to any environment. These displays also are designed to make life easier for their users, offering time-saving capabilities ranging from hassle-free maintenance to remote management. Regardless of their needs, any business can leverage digital signage to deliver targeted, personalized messaging with added brilliance and visual intrigue.

WHY SAMSUNG DBJ SERIES?

In today's fast-paced business world, managers and key decision-makers cannot afford to lose valuable time creating, scheduling and deploying content. Samsung's DBJ Series displays alleviate these demands by offering a more efficient process to manage and deliver high-performing messaging. Backed by the powerful TIZEN 3.0 operating system, the DBJ Series displays simplify content management and deployment into a single and secure, all-in-one platform. Here, users can conveniently and securely build and schedule content, along with audience-facing applications that empower more customized messaging. The DBJ Series displays also offer businesses peace of mind, with reliable 16/7 operation delivering content without interruption or periodic maintenance.



KEY FEATURES

Seamless Playback

Centralized Management

Intuitive UI

LEVERAGE ALL-IN-ONE CAPABILITY

The embedded MagicInfo Player S5 simplifies the content deployment process by providing a convenient solution for seamless content scheduling and eliminating the need for a separate media player.

ENJOY OPERATIONAL FLEXIBILITY

With the TIZEN 3.0 operating system, users receive a host of business-critical capabilities, ranging from advanced graphic presentation, easy open platform application development to remote management.

Powerful Performance

- Graphic performance with Quad core CPU
- UHD Content play back
- HTML5 Compatibility

Easy Development

- Tizen Studio 1.0
- Node.JS HTTP web Server

Business Expandability

- Remote Management
- Signage Device Management
- Enhanced Security

PROTECT VALUABLE ASSETS

The powerful Knox security platform provides rigorous defense. A rigid, three-layer architecture offers airtight protection at the application, platform and system layers, restricting access to content and hardware.

Meeting Room

Office Desk

PC-Less Solution

Keyboard+ Mouse Control

Secured by Knox

EXTEND BEYOND DISPLAY

Eliminate the need to have a PC nearby to manage content. All you need is a keyboard and mouse to access and remotely control your off-site PC from the display through a secure connection.

SPECIFICATIONS

MODEL		DB43J	DB49J	
Panel	Diagonal Size	43	49	
	Type	60Hz D-LED BLU	60Hz D-LED BLU	
	Resolution	1920x1080 (16:9)	1920x1080 (16:9)	
	Pixel Pitch(mm)	0.16333(H) x 0.49005(V)	0.18642(H) x 0.55926(V)	
	Active Display Area(mm)	940.89(H) x 529.25(V)	1073.78(H) x 604.00(V)	
	Brightness(Typ.)	300nit	300nit	
	Contrast Ratio(Typ.)	3000:1	3000:1	
	Viewing Angle(H/V)	178:178	178:178	
	Response Time(G-to-G)	8ms	8ms	
	Display Colors	16.7 M	16.7 M	
Color Gamut	72%	72%		
Operation Hour	16/7	16/7		
Haze	2%	2%		
Display	Dynamic C/R	MEGA	MEGA	
	H-Scanning Frequency	30 ~ 81KHZ	30 ~ 81KHZ	
	V-Scanning Frequency	48 ~ 75HZ	48 ~ 75HZ	
	Maximum Pixel Frequency	148.5MHz	148.5MHz	
Sound	Speaker Type	Built in Speaker(10W + 10W)	Built in Speaker(10W + 10W)	
Connectivity	INPUT	RGB	N/A	N/A
		VIDEO	HDMI 1.4 (2), DVI-D	HDMI 1.4 (2), DVI-D
		HDCP	HDCP 2.2	HDCP 2.2
		AUDIO	Stereo Mini Jack, DVI/HDMI/Audio(Common)	Stereo Mini Jack, DVI/HDMI/Audio(Common)
		USB	USB 2.0 x 1	USB 2.0 x 1
	OUTPUT	RGB	N/A	N/A
		VIDEO	N/A	N/A
		AUDIO	Stereo Mini Jack	Stereo Mini Jack
		Power Out	N/A	N/A
		USB	N/A	N/A
EXTERNAL CONTROL		RS232C(in/out) thru stereo jack, RJ45	RS232C(in/out) thru stereo jack, RJ45	
EXTERNAL SENSOR		IR	IR	
Tuner		Yes (only for NA)	Yes (only for NA)	
Power	Type	Internal	Internal	
	Power Supply	AC 100 - 240 V- (+/- 10 %), 50/60 Hz	AC 100 - 240 V- (+/- 10 %), 50/60 Hz	
	Power Consumption	Max[W/h]	99	121
		Typical[W/h]	(W/W)67, (US)38, (KR)67	(W/W)83, (US)42, (KR)83
		BTU(Max)	337.6	412.6
		Sleep mode	less than 0.5W	less than 0.5W
Off mode	0	0		
Mechanical Spec	Dimension (mm)	Set	985.5 X 574.8 X 73.4	1118.8 X 650.0 X 74.2
		Package	1099 X 672 X 156	1236 X 750 X 161
	Weight (kg)	Set	7.9	10.2
		Package	11.6	14.8
	VESA Mount		200*200mm	200*200mm
	Protection Glass		N/A	N/A
	Stand Type		N/A	N/A
Bezel Width (mm)		17.3(Top), 18.3(Bottom), 21.3(Side)	17.4(Top), 18.5(Bottom), 21.5(Side)	
Operation	Operating Temperature	0°C- 40°C	0°C- 40°C	
	Humidity	10~80%	10~80%	
Feature	Key	Slim & Light LFD with Built-in MagicInfo Lite		
	Special	H/W	Super Clear Coating, Temperature Sensor, Pivot Display, Button Lock, Clock Battery (168hrs Clock Keeping), Built-in Speaker (10W x 2), WIFI Module Embedded	
		S/W	Auto Source Switching & Recovery, RS232C/RJ45 MDC, Plug and Play(DDC2B), Built-in MagicInfo Lite, Firmware Update by Network	
	Processor	Coretex A72 1.7GHz Quad-Core CPU		
	On-Chip Cache Memory	L1 Instruction Cache : 48KB L1 Data Cache : 32KB L2 Cache : 2MB		
	Clock Speed	1.7GHz Quad-Core CPU		
	Main Memory Interface	2.5GB LPDDR4 1400MHz 64bit		
	Graphics	2D & 3D Graphic Accelerator Data Format : 32bpp Output resolution : 3840x2160p		
	Storage (FDM)	8GB (3.88GB Occupied by O/S, 4.12GB Available)		
	Multimedia	Video Decoder - MPEG 1/2/4, H.263, H.264/AVC - UHD H.264/AVC, VC-1, AVS/AVS+, MVC - VP8, VP9, HEVC, JPEG Audio DSP(Decoder) - MPEG, AC3, AC4, DD, MP3 and etc		
IO Ports	USB 2.0			
Operating System	Tizen 3.0 (VDLinux)			
Accessories	Included	Quick Setup Guide, Regulatory Guide, Warranty Card, Power Cord, Remote Controller, Batteries, RS232C(IN) adapter		
	Optional	Stand	STN-L3240E	STN-L3240E
		Mount	WMN4070SE	WMN4070SE
		Media Player	SBB (Not attachable)	SBB (Not attachable)

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SMART Signage

For more information about Samsung SMART Signage DBJ Series Displays, visit www.samsung.com/business or www.samsung.com/displaysolutions

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