Samsung SMART Signage

DM65E-BC

Ready-to-use, All-in-one Interactive Whiteboard Display with 10 points drawing and fast reporting rate capability

- Allows presenter and participants to interact and exchange content between Interactive Whiteboard(IWB) Solution and the devices being used by the audience
- Enables you to engage your content with 10 point touch and drawing capability
- Offers the ability to draw and save on a range of sources which gives you more options for using a wider spectrum of content in your presentation
- Provides full control of your presentation through user-friendly menus and file management tools
- Reduces set-up time with a portable solution that doesn't require a dedicated PC

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Unleash the potential of your presentations

As we face an era of perpetual innovation and information overload, communication needs to evolve alongside this growth and act as a beacon of light to hold our attention. Particularly when it comes to closing deals in business meetings or deeply connecting with the minds of the future in educational settings. Few environments stand to benefit more from interactive whiteboard solutions than corporate boardrooms and classrooms, where messages need to sink deep into their intended audience to make lasting impacts. Samsung has brought their Interactive Whiteboard Solution to these spaces and continues to tailor the user experience to achieve the desired outcomes that the user is seeking.

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A Smoother, More Interactive Writing Experience Using Touch

Featuring a pre-assembled Touch Overlay and a variety of collaboration-enhancing capabilities, the Samsung e-Board display alleviates misconceptions that digital display writing is complex and unnatural. Instead, the DME-BC's touchscreen offers a smooth and comfortable writing experience. The DME-BC display's hand touch function enables up to 10 different participants to touch and draw on the display's screen at a time when used with MagicIWB I2*. This versatile usability promotes efficiency and productivity by compiling individual feedback within a single source and offering greater visibility to all participants of discussed content.

For added convenience, the Samsung e-Board display also comes with a palm eraser tool useful for erasing larger areas of the screen. Instead of users having to search for and work through a specific removal function key, the simple and intuitive palm eraser makes content revision fast and user-friendly.

A More Engaging, Interactive Content Management Experience

The Samsung SMART Signage e-Board display's embedded MagicIWB S2** interactive content management software solution transforms a traditional presentation into a dynamic business or educational experience. As an all-in-one touch solution, Samsung's free MagicIWB S2 program delivers added flexibility for extensive collaboration before, during and after meetings or classes without requiring the use of separate dedicated PCs or additional devices.

A touch-activated floating menu enables users to independently control, display and shuffle between multiple screens and various text, image, audio and video content files. Once sessions conclude, MagicIWB S2's compatibility with standard office software programs lets users update, save, capture, print and share files for later viewing. With the support of the MagicIWB S2 solution, the Samsung e-Board display enhances the overall knowledge-sharing process through deeper engagement and all-inclusive file management.

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*   MagicIWB I2 software, an advanced version of MagicIWB, is available for e-Board display users, but requires a separate PC for operation.

** MagicIWB S2 software is an embedded software provided with e-board display by default

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Versatile Usability with Extensive Connectivity and Easy-to-Use Touch Capability

Today's business and educational environments require advanced compatibility for users to easily read and share content. Through its enhanced and versatile connectivity, Samsung's e-Board display allows users to access, share and revise content via their own laptops, tablets and smartphones. This superior connectivity stems from the display being equipped to support a range of signal input sources, including HDMI, D-Sub, DVI and USB ports, which are compatible with nearly all external devices. Furthermore, the Samsung e-Board display's auto switching for the touch function eliminates the headache of needing two different cables to use touch with a notebook PC. Instead, the display features an easily assessable touch out cable (USB upstream) on the side of the front pen tray.

Users just need to plug the single touch cable into the USB, connect the cable to the notebook PC and setup source. Together, these integrated solutions simplify multi-device setup and connectivity, as well as ensure convenient utilization of the display's advanced touch capability.
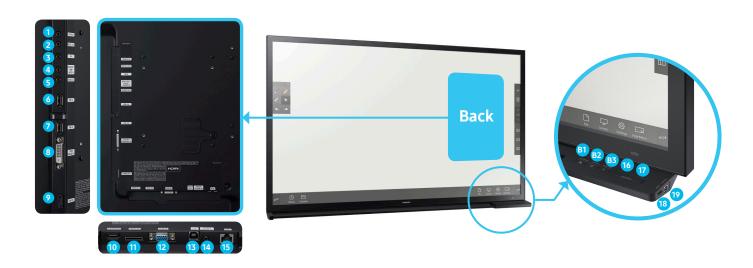
An Intuitive Design that Promotes Efficiency and Usability

The Samsung SMART Signage e-Board display's pre-assembled design allows users to comfortably install, control and work with the all-in-one e-Board solution. As part of its professional-grade design, the Samsung e-Board display incorporates a front pen tray for convenient storage and easy access to display components. With a design format resembling that of an analog white board, the Samsung e-Board helps ensure user familiarly and seamless technology adoption, while also bringing design sophistication and advanced functionality to business and educational environments.

Additionally, the display's design positions simplified hot keys on the front and side of the pen tray. The shortcut hot keys allow users to easily locate and select frequently-used functions, including freeze frame, quick menu, power on/off, touch out USB and HDMI, with the simple push of a button. With the Samsung SMART Signage e-Board, business professionals and educators can economically utilize space while delivering the functionality essential for effective collaboration and productivity.

Pre-assembled e-Board

Simplified Connectivity

Pen tray

Connectors

Back

B1. FREEZE FRAME	AUDIO IN	11. TRY IN	18. HDMI IN 3
B2. QUICK MENU	5. AUDIO OUT	12. RGB IN	19. TOUCH OUT
B3. POWER ON/OFF	6. USB 1	13. TOUCH OUT	
1. RS232C IN	7. USB 2	14. FREEZE FRAME IN	
2. RS232C OUT	8. DVI IN / MAGICINFO IN	15. RJ45	
3. IR IN	9. HDMI IN 1	16. USB 3	
4. RGB / DVI / HDMI /	10. HDMI IN 2	17. USB 4	

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Specifications

			DM65E-BC
Panel	Diagonal Size		65"
	Type		120Hz D-LED BLU
	Resolution		1920x1080 (16:9)
	Pixel Pitch(mm)		0.248(H) × 0.744(V)
	Active Display Area(mm)		1428.48(H) x 803.52(V)
	Brightness(Typ.)		380nit (with touch glass)
	Contrast Ratio(Typ.)		4000:1
	Viewing Angle(H/V)		178:178
	Response Time(G-to-G)		6ms
	Display Colors		10bit Dithering - 1.07Billion
	Color Gamut		72%
Display	Dynamic C/R		50,000:1
	H-Scanning Frequency		30 ~ 81kHz
	V-Scanning Frequency		48 ~ 75Hz
	Maximum Pixel Frequency		148.5MHz
Sound	Speaker Type		Built in Speaker(10W + 10W)
Connectivity	INPUT	RGB	Analog D-SUB, DVI-D
		VIDEO	Rear: HDMI1, HDMI2, Front Tray Box: HDMI3
		AUDIO	Stereo mini Jack
		USB	Rear: USB 2.0 X 1, Touch in X 1, Front Tray Box: USB 2.0 X 2, Touch out (USB Upstream)
	OUTPUT	RGB	N/A
		VIDEO	N/A
		AUDIO	Stereo mini Jack
		Power Out	N/A
	EXTERNAL CONTROL		RS232C(in/out) thru stereo jack, RJ45
	EXTERNAL SENSOR		IR, Ambient Light
Power	Type		Internal
	Power Supply		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
	Power Consumption	Max[W/h]	264W
		Typical[W/h]	200W
		BTU(Max)	TBD
		Sleep mode	less than 0.5W
		Off mode	less than 0.5W
Mechanical Spec	Dimension (mm)	Set	1485.4 x 866.0 x 62.7
		Package	1617 X 1005 X 240
	Weight (kg)	Set	40.5
		Package	49.3
	VESA Mount		400*400mm
	Protection Glass		N/A
	Stand Type		Foot Stand (Optional)
	Bezel Width (mm)		27.0(U) / 27.8(LR) / 32.4(D)
Operation	Operating Temperature		0°C~ 40°C
	Humidity		10~80%

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			DM65E-BC
Feature	Key		Slim & Light LFD with Built-in MagicInfo Player S3, MagicIWB S2
	Special	H/W	Super Clear Coating, Temperature Sensor, Clock Battery(80hrs Clock Keeping), Built in Speaker(10W x 2), WiFi Module Embedded, Front Tray Box
		S/W	Magic Clone(to USB), Auto Source Switching & Recovery, RS232C/RJ45 MDC, Plug and Play, PIP/PBP, Image Rotation, Button Lock, Built In MagicInfo Player S3, MagicIWB S+R58:S582, USB Auto Switching, Firmware Update by Network, LFD New Home Screen, Predefined Template for Vertical Usage, Multi Channel, Mobile Control, Event Schedule, Backup Player, Magic Presenter
	Internal Player (Embedded H/W)	Processor	Cortex-A9 1GHz Quad Core CPU
		On-Chip CacheMemory	L1 (I/D) : 32KB / 32KB, L2 (Unified) : 1MB
		Clock Speed	1GHz CPU Quad
		Main MemoryInterface	1.5GB Dual 48bit DDR3-933 (1866MHz)
		Graphics	2D & 3D Graphics Engine - Up to 1920x1080. 32bpp - Supports OpenGL ES
		Storage	8GB (2.65GB Occupied by O/S, 5.35GB Available,)
		Multimedia	Video Decoder - MPEG-1/2, H.264/AVC (Dual) - VC-1, JPEG, PNG,VP8Audio DSP (Decoder) - AC3 (DD), MPEG, DTS and etc.
		IO Ports	USB 2.0 x 3, Touch in X 1, Touch out X 2
		Operating System	Samsung Proprietary OS(VDLinux)
Certification	Safety		CB (Europe) : IEC60950-1/EN60950-1 CCC (China) : GB4943.1-2011 PSB (Singapore) : PSB+IEC60950-1 NOM (Mexico) : NOM-001-SCFI-1993 IRAM (Argentina) : IRAM+IEC60950-1 SASO (Saudi Arabia) : SASO+IEC60950-1 BIS(India) : IEC60950-1 / IS13252 NOM(Mexico) : Tuner: NOM-001-SCFI-1993, Tunerless: NOM-019-SCFI-1998 KC(Korea) : K 60950-1 EAC(Russia) : EAC+IEC60950-1 INMETRO(Brazil) : INMETRO+IEC60950-1 BSMI(Taiwan) : BSMI+IEC60950-1 RCM(Australia) : IEC60950-1/AS/NZS 60950-1 CSA (Canada) : cUL UL(USA) : cUL60950-1 TUV (Germany) : CE NEMKO (Norway) : CE

	EMC		FCC (USA) Part 15, Subpart B Class A
			CE (Europe) : EN55022:2006+A1:2007, EN55024:1998+A1:2001+A2:2003
			VCCI (Japan) : VCCI V-3 /2010.04 Class A
			KCC/EK (Korea) : Tuner: KN13 / KN20, Tunerless : KN22 / KN24
			BSMI (Taiwan) : CNS13438 (ITE EMI) Class A / CNS13439 (AV EMI) /
			               CNS14409 (AV EMS) / CNS14972 (Digital)
			C-Tick (Australia) : AS/NZS CISPR22:2009
			CCC(China) :GB9254-2008, GB17625.1-2012
			GOST(Russia/CIS) : GOST R 51317 Series, GOST 22505-97, EN55022:2006+A1:
			               2007, EN55024:1998+A1:2001+A2:2003

	Environment		N/A
Accessories	Included		Quick Setup Guide, Regulatory Guide, Warranty Card, Power Cord, Remote Controller, Batteries, RS232C(IN) adapter, Pen 1, Pen Tray
	Optional	Stand	STN-L7585F
		Mount	WMN6575SD
		Media Player	SBB, PIM

About Samsung

Samsung Electronics Co., Ltd. inspires the world and shapes the future with transformative ideas and technologies. The company is redefining the worlds of TVs, smartphones, wearable devices, tablets, cameras, digital appliances, printers, medical equipment, network systems, and semiconductor and LED solutions.
For the latest news, please visit the Samsung Newsroom at news.samsung.com.

For more information

For more information about DM65E-BC Series
www.samsung.com/business or
www.samsung.com/displaysolutions

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