

SAMSUNG

All-in-one Interactive Whiteboard Solution for corporate and educational organizations

Samsung SMART signage DME-BR/BM series





The presentation has evolved

In the world of information sharing, it's a changed world.

Every day all over the globe, advances in digital technology are empowering learning institutions and businesses to deliver high-impact presentations that leave a lasting impression. And Samsung is leading the way. With an all-in-one Interactive Whiteboard Solution that gives organizations the power to enhance understanding, foster collaboration and drive productivity through dynamic, engaging presentations.

It's a brave, new immersive world of presentation possibilities. Let Samsung take you there.

Easily unleash the potential of every presentation



Samsung's Interactive Whiteboard (IWB) Solution is an integrated, ready-to-use package ensuring optimum levels of communication and collaboration

Few environments stand to benefit more from interactive whiteboard solutions than corporate boardrooms and school classrooms where messages must resonate with audiences for a lasting impact. Samsung brings its Interactive Whiteboard (IWB) Solution to both environments, and continues to tailor and enhance the user experience for optimal results.

In the corporate workplace, Samsung's IWB Solution acts as a conduit to greater efficiency by fostering an atmosphere for better communication and immersive collaboration. And in school classrooms nurturing our next generation, the solution delivers a flexible, complete offering that enhances the teaching environment and elevates learning, even with today's limited school district resources.



Mobile device interaction

Presenters and participants can interact and exchange content between the interactive whiteboard and audience members' personal devices



Easy, intuitive and familiar

Navigating, presenting and sharing content is as simple as a few strokes of a pen or a few swipes of your hand



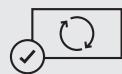
Draw and save on multiple sources

The ability to draw and save on a range of sources gives you more options for using a wider spectrum of content in your presentation



Stay in complete control

User-friendly menus and file management tools ensure you remain in full control of your presentation

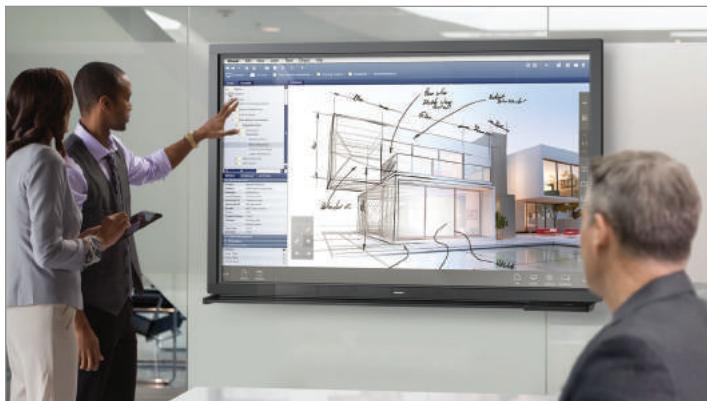


Dedicated PC not required

The flexible, portable PC-less solution minimizes set-up time and allows for impromptu meetings without any additional equipment

From boardrooms to classrooms, captivate every audience

Tap into the immersive potential of corporate and educational environments with the interactive power of Samsung's MagicIWB Solution



Enhance understanding to improve student outcomes

Bring business presentations to life with MagicIWB S2

Given the information overload of today's business world, it's never been more critical to get your message across while ensuring your audience remains captive. Samsung's powerful MagicIWB S2 Software is designed to do precisely that. Embedded in both the DME-BR and DME-BM series, MagicIWB S2 provides a range of feature-rich capabilities that have been designed to help you deliver vivid, presentation-oriented meetings.



Increase productivity with interactive meetings

Open new lines of communication between teachers and students

Gone are the days of educators having to deal with the hassles and distractions of projectors and other traditional display technologies. Through the data and file-sharing capabilities between Samsung's IWB Solution and students' personal devices such as tablets and smartphones, new lines of communication can be forged between teachers and students. It's a solution perfectly suited to help you convert your classroom into an intensive and engaging learning environment, enabling students, teachers and administrators to achieve new levels of learning potential and results.



Samsung's embedded e-Board solution doesn't require a dedicated PC



Dedicated PC not required. The flexible, portable PC-less solution minimizes set-up time and allows for impromptu meetings without any additional equipment. And since the display is shipped with embedded MagicIWB S2 Software, there's no need to purchase additional licenses to operate the IWB Solution.



Multiple connectivity options. A full range of connectivity capabilities is at your fingertips, so you can easily import content from varying sources. Multiple input ports enable you to connect most devices to the display to share information. USB Auto Switching allows the display to automatically sync the touch overlay with a selected input source, simplifying whiteboard usage.



Advanced tools to turn meetings into enthralling experiences

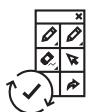
Drive your organization's productivity while delivering improved levels of communication and collaboration with MagicIWB S2 and the optional MagicIWB I2



Draw and save on any source. Interact with your content and visually expand your concepts by leveraging the functionality to draw on any source (TV, HDMI, AV, DSUB). You can also draw with PIP (Picture-in-Picture), with the ability to save and share your content.



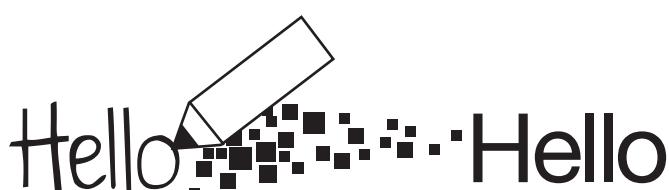
Email sharing. Ensure high levels of engagement between you and your audience through email interaction that allows you to share files or screen-captures during the presentation, or conveniently send meeting results once the presentation has ended.



Easy floating menu. Through simple, intuitive hand gestures without the need for multiple clicks, navigating your presentation content is easier than ever.



The easy floating menu lets you draw on any source



Instantly convert on-screen handwriting into text to share with colleagues

Discover new levels of audience participation with MagicIWB I2

An advanced optional feature, MagicIWB I2 Software acts as a foundation to facilitate highly collaborative and interactive business and educational meetings. Through usage of the solution's interactive whiteboard, the traditional roles of speaker and listener become the new roles of facilitator and participant. Audience members find themselves immersed in a new, exciting environment that enhances the experience of learning and information sharing. The solution can run on both the DME-BR and DME-DM series by simply adding a Samsung PIM (Plug-in-Module).



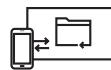
Home menu. Acting as a central hub for enhanced ease-of-use, the Home Menu allows you to access all your files, recent work, multimedia files, and review usage history.



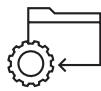
Handwriting recognition. The advanced technology behind MagicIWB I2's handwriting recognition lets you instantly convert handwriting into text, which can then be quickly and conveniently saved and utilized by users.



Quick memo. Rapid note-taking and sharing is possible through Quick Memo, which gives users Internet connectivity to post comments to presentations or share their notes with each other on their wireless devices.



Mobile device interaction. Maintain an active audience by facilitating interaction with mobile devices to connect, converse, and share documents. (Supports Android, Apple iOS, and Windows devices.*)



File manager. Have complete control over your files through a highly intuitive interface. Easily create, save and export meeting history through the history browser, or stay organized with the contents browser to manage your images, audio and videos.



Innovative functionality that helps you command the room

Ensure high levels of audience engagement and immersion with a wide range of features designed for optimum usability

Share content comfortably with the Hand Touch overlay

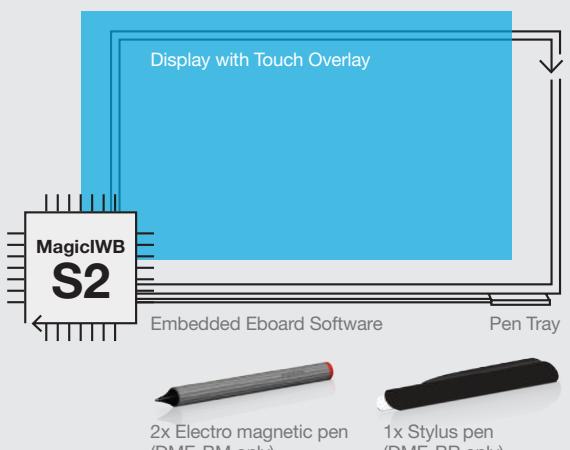
The same touch interfaces you know and depend on for daily use, such as the one on your smartphone, are embedded into the Hand Touch overlay of our Interactive Whiteboard Solution. As users employ familiar, easy-to-use hand gestures to present and share ideas and information, you'll discover that the learning curve is quicker than ever.

Hand Touch Interactive Whiteboard Solution (DM65/75/82E-BR)	
Display	65", 75" and 82" sized display ensures maximum readability in both classrooms and meeting rooms
Design	Display and touch overlay come pre-assembled from factory for your convenience Round Edge Display allowing for high usability Interactive Whiteboard style design
Touch Overlay	Infrared touch screens allow for dual drawing capabilities and enable up to 10 touch points
Tray	Pen tray for easy storage 3 control buttons, HDMI In and Touch Out
Pen	Stylus Pen x 1
Software	MagicIWB S2 embedded MagicIWB I2 compatible (additional PIM is required)

Present your best ideas with the power of the pen

For those accustomed to having a pen in hand while presenting at a whiteboard, our Hybrid Touch Interactive Whiteboard Solution lets you precisely write detailed content with the special Electro Magnetic Pen, and then conveniently erase with your hand to correct any mistakes.

Hybrid Touch Interactive Whiteboard Solution (DM82E-BM)	
Display	82" sized display ensures maximum readability in both classrooms and meeting rooms
Design	Display and touch overlay come pre-assembled from factory for your convenience Round Edge Display allowing for high usability Interactive Whiteboard style design
Touch Overlay	Hybrid touch screens allow for dual drawing Pen Touch capabilities and enable up to 10 touch points
Tray	Pen tray for easy storage 3 control buttons, HDMI In and Touch Out
Pen	Electro magnetic Pen x 2 (Black / Red)
Software	MagicIWB S2 embedded MagicIWB I2 compatible (additional PIM is required)



Embrace the future of interactive whiteboard technology with Samsung

Leveraging our commitment in creating dynamic and highly usable innovation, Samsung's MagicIWB software optimizes today's interactive whiteboard solution. The experiences will be more immersive, and the audiences more engaged, whether the corporate boardroom or the school classroom. Let us lead your way forward to realize an entirely new and enhanced level in communications.

Samsung DME-BR/BM series

DM82E-BR/BM – 82"



Connectivity

1. RS232C In
2. RS232C Out
3. IR / Ambient Sensor In
4. RGB / DVI / HDMI / AV / Component Audio In
5. Audio Out
6. SD Card
7. USB (5V 1A)
8. USB (5V 1A) Touch In
9. EVI / MagicInfo In
10. DP In
11. HDMI In 1
12. HDMI In 2
13. Tray In
14. RGB In
15. Touch Out
16. AV In
17. IR Out
18. RJ45
19. HDMI In 3
20. USB



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Samsung DME-BR/BM series



Specifications		DM65E-BR	DM75E-BR	DM82E-BR	DM82E-BM			
Panel	Diagonal Size	65"	75"	82"	82"			
	Type	120Hz E-LED BLU	240Hz D-LED BLU	120Hz E-LED BLU	120Hz E-LED BLU			
	Resolution	1920 x 1080 (16:9)	1920 x 1080 (16:9)	1920 x 1080 (16:9)	1920 x 1080 (16:9)			
	Pixel Pitch (mm)	0.248(H) x 0.744(V)	0.2865(H) x 0.8595(V)	0.3135(H) x 0.9405 (V)	0.3135(H) x 0.9405 (V)			
	Active Display Area	1428.48(H) x 803.52(V)	1650.24(H) x 928.26(V)	1805.76(H) x 1015.74(V)	1805.76(H) x 1015.74(V)			
	Brightness (Typ.)	380 nits (with Touch Glass)	380 nits (with Touch Glass)	430 nits (with Touch Glass)	430 nits (with Touch Glass)			
	Contrast Ratio (Typ.)	4000:1	5000:1	5000:1	5000:1			
	Viewing Angle (H / V)	178:178						
	Response Time (G to G)	6ms	4ms	8ms	8ms			
	Display Colors	10bit Dithering - 1.07 Billion						
	Color Gamut	72%	72%	68%	68%			
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, DisplayPort 1.2					
		Video	Rear: HDMI1, HDMI2 Component (CVBS Common), Front Connectivity / Box: HDMI3					
		Audio	Stereo Mini Jack					
		USB	Rear: USB 2.0 x 1, Touch In x 1, Front Connectivity 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)	264	308	495			
		Typical (W/H)	200	266	329			
		BTU (Max)	900.24	1050.28	1687.95			
		Sleep Mode	Less Than 2 W	Less Than 0.5W	Less Than 0.5W			
		Off Mode	Less Than 0.5W	Less Than 0.5W	Less Than 0.5W			
Mechanical Specifications	Dimension (in.)	Set	60.4" x 35.8" x 3"	69" x 41" x 2.9" (Handle 4.3")	75" x 44" x 5.5" (Handle 7")			
		Package	65.5" x 41" x 10"	75" x 44" x 12"	81.5" x 50" x 20"			
	Weight (lb.)	Set	102 lbs.	130 lbs.	172 lbs.			
		Package	119 lbs.	152 lbs.	209 lbs.			
	VESA Mount (mm)		400 x 400	400 x 400	600 x 400			
	Stand Type		Foot Stand (Optional)					
	Media Player Option Type		Embedded, SBB (Attachable), PIM (Attachable)					
	Bezel Width (mm)		39.9					

Specifications		DM65E-BR	DM75E-BR	DM82E-BR	DM82E-BM	
Operation	Operating Temperature	0°C - 40°C				
	Humidity	10~80%				
Feature	Key		Slim & Light LFD with Built-in MagicInfo Player S3, MagicWB S2			
	Special	Hardware	Super Clear Coating, Temperature Sensor, Clock Battery (80 Hrs Clock Keeping), Built-In Speaker (10W x 2), WiFi Module Embedded, SD Card Slot, Front Connectivity Box			
		Software	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, MagicWB S2, Magic Presenter, USB Auto Switching, Firmware Update by Network, LFD New Home Screen, PC-less Videowall, Predefined Template for Vertical Usage, Multi Channel, Mobile Control, Event Schedule, Backup Player, MagicPresenter			
	Internal Player (Embedded H/W)	Processor	Cortex-A9 1 GHz Quad Core CPU			
		On-Chip Cache Memory	L1 (V/D): 32KB / 32KB L2 (Unified): 1MB			
		Clock speed	1 GHz CPU Quad			
		Main Memory Interface	1.5 GB Dual 48bit DDR3-933 (1866MHz)			
		Graphics	2D & 3D Graphics Engine - Up to 1920 x 1080, 32bpp - Supports OpenGL ES			
		Storage	8GB (2 GB Occupied by O/S, 5.35 GB Available)			
		Multimedia	Video Decoder - MPEG-1/2, H.264/AVC (Dual) - VC-1, JPEG, PNG, VP8 Audio 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 (VLinux)			
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+A: 2007, EN55024:1998+A1: 2001+A2: 2003, VCCI (Japan): VCCI V-3, 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	Basic	Quick Setup Guide, Regulatory Guide, Warranty Card, D-Sub Cable, Power Cord, Remote Controller, Batteries, RS232C (IN) Adapter, Cover-Jack			
		Touch Overlay	65" IR Type	75" IR Type	82" IR Type	82" IR and Electro Magnetic Type
		Tray	Pen Tray with 3 Control Buttons, HDMI In and Touch Out			
		Pen	Dummy Pen x 1	Dummy Pen x 1	Dummy Pen x 1	Electro Magnetic Pen x 2
	Optional	Stand	STN-L7585F			
		Mount	WMN4675MD WMN4277SD WMN6575SD	WMN4675MD WMN4277SD WMN6575SD	WMN8200SD	WMN8200SD
Media Player	Media Player		SBB (Optional), PIM (Optional)			
Warranty	Warranty		3 Years On-Site (Parts / Labor / Backlight)			

Product support: 1-866-SAM4BIZ 1-800-SAMSUNG

For complete product information and accessories, visit samsung.com/business, insights.samsung.com, or samsung.com/b2bdigitalsignage

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