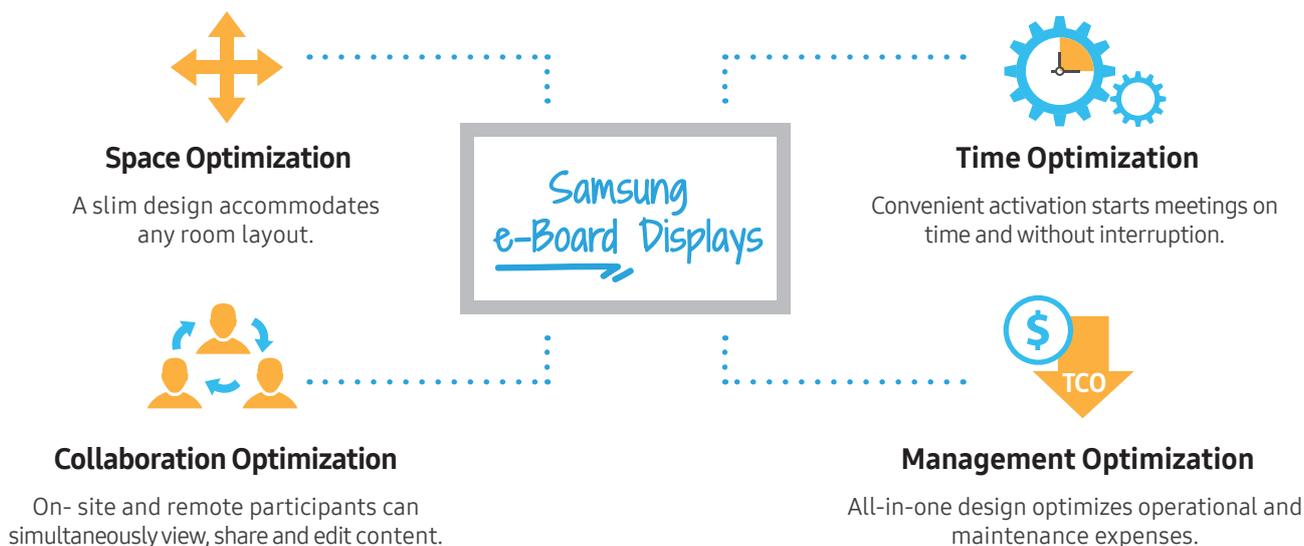# 10 WAYS

TO OPTIMIZE MEETING ROOMS FOR IMPROVED COLLABORATION

Seamless collaboration is the foundation of any successful corporate or education environment. These settings require deep engagement to drive message resonation, and class and meeting sessions are most efficient when every attendee can participate.

Samsung's e-Board displays offer added versatility to create more productive and informative class and meeting environments. These all-in-one displays are intuitive to use, easy to maintain and provide a range of upgrades to the projectors and dry and analog boards often found in corporate and education facilities, including:

Space Optimization
A slim design accommodates any room layout.

Samsung e-Board Displays

Time Optimization
Convenient activation starts meetings on time and without interruption.

Collaboration Optimization
On- site and remote participants can simultaneously view, share and edit content.

Management Optimization
All-in-one design optimizes operational and maintenance expenses.

In particular, Samsung's e-Board displays offer 10 core functionalities that will bring new life, and content sharing and collaboration opportunities, to your next group meeting.

Usage Scenarios

1. Integrated Flip Chart Functionality
2. Wireless Content Sharing
3. Personal Device Access
4. Fixed PC
5. Web Application Access

6. Many Work Programs. One Location.
7. Video Conferencing
8. Web Conferencing
9. Digital Signage Applications
10. Kiosk Applications

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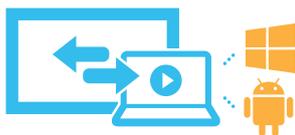# 01 INTEGRATED FLIP CHART FUNCTIONALITY

The e-Board's embedded MagicIWB S2 content platform transforms the display into a flipchart, enabling participants to easily store, share and email annotations while maintaining the familiar feel of standard writing. Users also can supplement their discussions by uploading external content via a USB stick.

Flipchart Pain Points	Samsung e-Board solution
• Supply costs and maintenance • Notes stored across multiple papers and locations • Difficulty saving and sharing updates • Reduced confidentiality and security	• Write and draw across unlimited pages • Open and save content using USB memory sticks • Email saved files directly to meeting attendees • Save documents in their native format • Compatible with Android and Windows devices • Picture-in-picture content visibility • Intuitive, remote control-free usability • Convenient pen tray access to meeting tools

02 WIRELESS CONTENT SHARING

Extensive wireless connectivity enables meeting participants to seamlessly share content between personal devices and the central e-Board. Through screen mirroring technology, participants can bring new content and ideas to the discussion directly from their devices. The e-Board in turn leverages the MagicIWB S2 and I2 content platforms to feature mobile content in its original form.
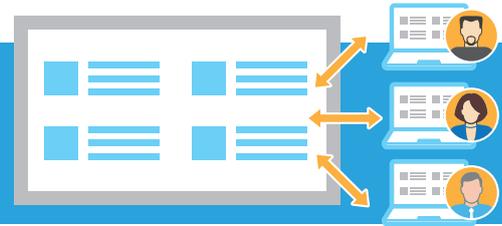
Screen Mirroring

• Embedded as a source
• Seamless image, video and sound streaming
• Available for Android and Windows 10 devices

MagicIWB Agent

• Powerful wireless content exchange
• Multi-user network connectivity
• Available via free download

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03 PERSONAL DEVICE ACCESS

Any Windows PC- or Mac-equipped meeting participants can share content from their own computer on the main screen. As a result, more group members can view, exchange and annotate various content types, including Office documents, applications and websites.

Plug & Play

- Driver- and software-free device connectivity
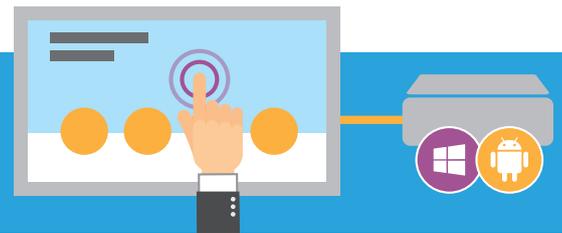
Compatible Platforms

- Microsoft Office
- Websites and online applications

Visitor Access

- Laptop syncing through HDMI and USB OUT ports

04 FIXED PC

Samsung's e-Boards enhance collaboration by creating the familiar feel of a giant tablet. Users can connect a fixed PC, such as a Samsung SBB or PIM, Intel NUC, Mac mini or Android stick, to the rear of the Board and transform the main screen with minimal maintenance or training required.

- Windows 10, Android, Mac and Linux compatible
- Rear-connected central PCs remain out of sight
- Embedded central operating system

- Password-based login for added security
- Hands-free synchronization
- Compatible with Samsung SBB modules

05 WEB APPLICATION ACCESS

Once a laptop or fixed PC is connected to the e-Board, users can concurrently view and write within any website or web-based application. This technology alignment drives faster and easier access to a range of information, and improves interaction among all participants.

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06 MANY WORK PROGRAMS. ONE LOCATION.

In addition to documents and multimedia content, the Samsung e-Board enables meeting participants to share personal software applications. This extensive access streamlines and secures meeting files, eliminates time-consuming access inconsistencies and improves productivity for everyone involved.

Visual Management
On-screen content manipulation and note-taking

3D Modeling
Simplified construction, manufacturing, mapping and design

Library
Access a range of textbooks and stored digital content

Showroom Presentation
Tailor and manip-ulate content for specific audiences

Interactive Training
Drive engagement through hands-on activities

Real-Time Dashboards
Launch simulations and incorporate live data

07 VIDEO CONFERENCING

Advanced Plug and Play functionality connects the e-board with today's most popular video conferencing platforms, inviting remote attendees to join a virtual meeting room. Users can customize settings to match room lighting, noise and size conditions, and leverage compatible video camera and microphone accessories to amplify their conference interaction. For select platforms, Samsung's e-Board also enables direct content sharing and remote annotation.
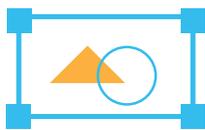
08 WEB CONFERENCING

For users seeking more cost-efficient connections with remote meeting participants, the Samsung e-Board supports web conferencing in addition to video conferencing. Meeting organizers simply have to sync embedded PC conference clients with the display to link remote and on-site attendees. Select platforms likewise enable remote annotation directly through the web conference platform.

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09 DIGITAL SIGNAGE APPLICATIONS

When meetings conclude, users can transform Samsung's e-Board into a promotional or informational hub. The MagicInfo platform allows users to create, schedule and deploy customized attendee-facing content before or after discussions. Each e-Board also can be programmed to deploy emergency messaging in urgent situations, such as fires and evacuations.

Digital Signage

- Intuitive content creation, scheduling and deployment
- Store and edit content for later use
- Stream video and TV content before and after meetings

Programmable Management

- Program emergency content to run when needed
- Schedule displays to turn on and off
- Automatically update firmware

10 KIOSK APPLICATIONS

Users also can program the Samsung e-Board to serve as a touch-enabled kiosk and further participant engagement before, during and after meetings. In kiosk mode, the e-Board can encourage meeting attendance and provide interactive directions. As guests wait for meetings to begin, the e-Board can provide entertainment options ranging from weather and news updates to touch-enabled games.

General Information

Program interactive lobby screen with real-time weather, traffic and newstickers

Room Booking

Secure meeting space through a reservation menu

Wayfinding

Direct guests through touch-enabled directions and mapping

Registration

Save time by having guests sign in through the e-Board

Gaming

Inspire creativity through on-screen games

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SPECIFICATION

	Model	DM65E-BR / DM75E-BR / DM82E-BR	DM82E-BM	DM65E-BC
Panel	Diagonal Size	65" / 75" / 82"	82"	65"
	Type	120Hz E-LED BLU	120Hz E-LED BLU	120Hz D-LED BLU
	Resolution	1920 x 1080 (16:9)	1920 x 1080 (16:9)	1920 x 1080 (16:9)
	Pixel Pitch(mm)	0.248(H) × 0.744(V) / 0.2865(H) × 0.8595(V)/ 0.3135(H) x 0.9405(V)	0.3135(H) x 0.9405 (V)	0.248(H) x 0.744(V)
	Active Display Area(mm)	1428.48(H) × 803.52(V) / 1650.24(H) × 928.26(V) / 1805.76(H) x 1015.74(V)	1805.76(H) x 1015.74(V)	1428.48(H) x 803.52(V)
	Brightness(Typ.)	380nit / 380nit / 430nit (with touch glass)	430nit (with touch glass)	380nit (with touch glass)
	Contrast Ratio(Typ.)	4000:1 / 5000:1 / 5000:1	5000:1	4000 :1
	Viewing Angle(H/V)	178 : 178	178 : 178	178:178
	Response Time(G-to-G)	6ms / 4ms / 8ms	8ms	6ms
	Display Colors	10bit Dithering - 1.07Billion	10bit Dithering - 1.07Billion	10bit Dithering - 1.07Billion
	Color Gamut	72% / 72% / 68%	68%	72%
	Operation Hour	24/7	24/7	24/7
	Haze	2%	2%	2% (Panel), 15% (Glass)
Sound	Speaker Type	Built in Speaker (10W + 10W)	Built in Speaker (10W + 10W)	Built in Speaker (10W + 10W)
Connectivity	Input — RGB	Analog D-SUB, DVI-D, Display Port 1.2	Analog D-SUB, DVI-D, Display Port 1.2	Analog D-SUB, DVI-D
	Input — Video	Rear: HDMI1, HDMI2, Front Tray Box: HDMI3 Component(CVBS Common)	Rear: HDMI1, HDMI2, Front Tray Box: HDMI3 Component(CVBS Common)	Rear: HDMI1, HDMI2, Front Tray Box: HDMI3 Component(CVBS Common)
	Input — Audio	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack
	Input — USB	Rear: USB 2.0 X 1, Touch in X 1, Front Tray Box: USB 2.0 X 2, Touch out (USB Upstream)	Rear: USB 2.0 X 1, Touch in X 1, Front Tray Box: USB 2.0 X 2, Touch out (USB Upstream)	Rear: USB 2.0 X 1, Touch in X 1, Front Tray Box: USB 2.0 X 2, Touch out (USB Upstream)
	Output — Audio	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack
	Exrernal Control	RS232C(in/out) thru stereo jack, RJ45	RS232C(in/out) thru stereo jack, RJ45	RS232C(in/out) thru stereo jack, RJ45
	External Sensor	IR, Ambient Light	IR, Ambient Light	IR, Ambient Light
Power	Type	Internal	Internal	Internal
	Power Supply	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 — Max[w/h]	264 / 308 / 495	495	264
	Power Consumption — Typical[w/h]	200/ 266 / 329	329	200
	Power Consumption — BTU(Max)	900.24 / 1050.28 / 1687.95	1687.95	900.24
	Power Consumption — Sleep Mode	less than 2W / less than 0.5W / less than 0.5W	less than 0.5W	less than 0.5W
	Power Consumption — Off Mode	less than 0.5W	less than 0.5W	less than 0.5W
Mechanical Spec	Dimension (mm) — Set	1535.3 x 910.4 x 76.6 / 1756.1 x 1034.1 x 74.1(handle 109.1) / 1911.8 x 1121.7 x 140 (178 Handle)	1911.8 x 1121.7 x 140 (178 Handle)	1485.4 x 866.0 x 62.7
	Dimension (mm) — Package	1665 X 1040 X 250 / 1895 x 1122 x 301 / 2069 x 1280 x 513	2069 x 1280 x 513	1617 x 1005 x 240
	Weight (kg) — Set	46.1 / 59 / 78.2	78.2	40.5
	Weight (kg) — Package	54.1 / 69 / 94.6	94.6	49.3
	VESA Mount	400 x 400 / 400 x 400 / 600 x 400mm	600 x 400mm	400 x 400mm
	Stand Type	Foot Stand (Optional)	Foot Stand (Optional)	Foot Stand (Optional)
	Bezel Width (mm)	39.9	51.9	27.0(U) / 27.8(LR) / 32.4(D)
Operation	Operating Temperature	0°C~ 40°C	0°C~ 40°C	0°C~ 40°C
	Humidity	10~80%	10~80%	10~80%
Feature	Key	Slim & Light LFD with Built-in MagicInfo Player S3, MagicIWB S2, SSSP 3.0	Slim & Light LFD with Built-in MagicInfo Player S3, MagicIWB S2, SSSP 3.0	Slim & Light LFD with Built-in MagicInfo Player S3, MagicIWB S2, SSSP 3.0
	H/W	Infra Red Touch, Super Clear Coating, Temperature Sensor, Clock Battery(80hrs Clock Keeping), Built in Speaker(10W x 2), WiFi Module Embedded, Front Tray Box DM82E-BR:SD Card Slot	Hybrid Touch, Super Clear Coating, Temperature Sensor, Clock Battery(80hrs Clock Keeping), Built in Speaker(10W x 2), WiFi Module Embedded, SD Card Slot, Front Tray Box	Capacitive Touch, Super Clear Coating, Temperature Sensor, Clock Battery(80hrs Clock Keeping), Built in Speaker(10W x 2), WiFi Module Embedded, Front Tray Box
	Special — 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 S2, Magic Presenter, USB Auto Switching, Firmware Update by Network, LFD New Home Screen, Predefined Template for Vertical Usage, Multi Channel, Mobile Control, Event Schedule, Backup Player, MagicPresenter	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 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	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, MagicPresenter
	Internal Player (Embedded H/W) — Processor	Cortex-A9 1GHz Quad Core CPU	Cortex-A9 1GHz Quad Core CPU	Cortex-A9 1GHz Quad Core CPU
	Main Memory Interface	1.5GB Dual 48bit DDR3-933 (1866MHz)	1.5GB Dual 48bit DDR3-933 (1866MHz)	1.5GB Dual 48bit DDR3-933 (1866MHz)
	Graphics	2D & 3D Graphics Engine - Up to 1920x1080. 32bpp - Supports OpenGL ES	2D & 3D Graphics Engine - Up to 1920 x 1080. 32bpp - Supports OpenGL ES	2D & 3D Graphics Engine - Up to 1920 x 1080. 32bpp - Supports OpenGL ES
	Storage	8GB (2.65GB Occupied by O/S, 5.35GB Available)	8GB (2.65GB Occupied by O/S, 5.35GB Available)	8GB (2.65GB Occupied by O/S, 5.35GB 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.	Video Decoder - MPEG-1/2, H.264/AVC (Dual) - VC-1, JPEG, PNG, VP8 Audio DSP (Decoder) - AC3 (DD), MPEG, DTS and etc.	Video Decoder - MPEG-1/2, H.264/AVC (Dual) - VC-1, JPEG, PNG, VP8 Audio DSP (Decoder) - AC3 (DD), MPEG, DTS and etc.
Accessories	Included	Quick Setup Guide, Regulatory Guide, Warranty Card, Power Cord, Remote Controller, Batteries, RS232C(IN) adapter, Dummy Pen x 1 , Pen Tray	Quick Setup Guide, Regulatory Guide, Warranty Card, D-Sub cable, Power Cord, Remote Controller, Batteries, RS232C(IN) adapter, COVER-JACK, Electro Magnetic Pen x 2, Pen Tray	Quick Setup Guide, Regulatory Guide, Warranty Card, Power Cord, Remote Controller, Batteries, RS232C(IN) adapter, Dummy Pen x 1 , Pen Tray
	Optional — Stand	STN-L7585F	STN-L7585F	STN-L7585F
	Optional — Mount	WMN6575SD / WMN6575SD / WMN8200SD	WMN8200SD	WMN6575SD
	Optional — Media Player	SBB, PIM	SBB, PIM	SBB, PIM

* Screen mirroring capabilities on Android and Windows devices may vary depending on individual device settings.
* Cameras, microphones and other related conferencing software are not included as part of Samsung's e-Board package.
* Additional software may be necessary for user-specific digital signage and kiosk applications.

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 Samsung e-Board Displays, visit
www.samsung.com/business or
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