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WMB Series Interactive Display

SONORA
PROFESSIONAL
SERVICES INTÉGRATION AUDIOVISUELLE

Its best feature: unmatched versatility

A 4K UHD digital whiteboard that adds versatility to healthcare

The Samsung WMB series digital whiteboard can enhance your level of care in so many areas. It's ideal for multimedia presentations and collaborative meetings, whether in-person or remote. Add the rolling stand (55" WMB) and it's a mobile signage board, a children's art palette or a senior living residence dance instructor. The WMB series can be whatever you, your staff, your visitors or your patients need it to be.

samsung.com/display

Hopewell Hospital
Caring for you

Get your FREE COVID-19 vaccine today
Walk-in and same day appointments available

More About Vaccines
Getting vaccinated is the best way to protect yourself from COVID-19

Learn More

Check-in Form

| Location | Date | Vaccine |
| California | 02/18/2023 | Pfizer vaccine |

Start Check-in

Improve care in so many ways

Annotate and collaborate in real time

Make every conference room and huddle room an interactive meeting space. With Cisco Webex, team members can collaborate either in person or remotely.

Digital signage on the go

Add the optional rolling stand to the 55" WMB, and you have a signage solution for a pop-up COVID testing site or immunization clinic. You can display pre-check in directions, a reminder to wear a mask and more.

Engage patients and residents

Let patients or residents create artwork, then print or email them to family and friends. Host an impromptu movie matinee. Allow family and friends to visit virtually. Set up a virtual fitness instructor for your residents. And so much more.

Samsung Interactive Displays	WM55B	WM65B	WM75B	WM85B
4K UHD Resolution	✓	✓	✓	✓
Touch	✓	✓	✓	✓
Shatter-Resistant Screen¹	✓	✓	✓	✓
Antimicrobial-Coated Screen²	✓	✓	✓	✓
Palm Erase	✓	✓	✓	✓
Brush Mode	✓	✓	✓	✓
Cisco Certified	✓	✓	✓	✓
Miracast	✓	✓	✓	✓
Logitech Compatible	✓	✓	✓	✓
Multi-Device Mirroring			✓	✓
Airplay	✓	✓	✓	✓
RMS (Remote Management System)	✓	✓	✓	✓
OPS			✓	✓
Havrion Emergency Response			✓	✓
Warranty	3 years (2 years extended option available)	3 years (2 years extended option available)	5 years	5 years

¹A shatter-resistant film is applied to the screen to help mitigate the hazards of shattering glass, but it does not protect the screen from physical impact. ²Antimicrobial coating does not protect users or other items against bacteria, viruses including Covid-19, germs and other disease organisms. Antimicrobial coating on surface of screen only.

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WMB Series Interactive Display

Full-featured flexibility

Responsive and intuitive touch

Exceptionally responsive touch displays enable staff members and patients to write and draw smoothly and naturally. Flexible erasing requires just a swipe of a finger or palm. And multi-touch allows multiple users to simultaneously write or draw on the display for enhanced collaboration.

Best-in-class annotation

Take notes. Highlight critical details. Your team can annotate onto photos, documents, web browsers and applications, then save and share.

Antimicrobial coating and shatter-resistant glass

The screen surface of the WMB series is treated with an antimicrobial coating,[1] while shatter-resistant glass helps reduce hazards.[2]

Multiple virtual conferencing options

The WMB series offers multiple ways to host meetings, allows virtual visiting between patients or residents and family, and more. Access Cisco WebEx® with a simple tap on the display's screen. And with Logitech device compatibility, you can easily use your Zoom and Teams apps.[3]

Start meetings faster with USB-C

Users can simply connect their device to the USB-C port to start sharing content without any hassle. In addition to fast data, audio, video transfer and touch control, USB-C also provides 65W external device charging.

Multi-device casting for enhanced collaboration

With SmartView+ you can mirror up to four devices to the display simultaneously, regardless of OS[3]: Android, Chrome, iOS or Windows. Bidirectional communication allows you to the display's content from any connected device, as well as annotate a device's content right on the display.

Connect with Airplay 2

Effortlessly share or mirror almost anything from your iOS device or Mac directly to the WMB Interactive Display.[3]

Manage from anywhere, update on the fly

Centrally manage your interactive displays, update firmware and send out notifications with MagicINFO Remote Management solution.[4]
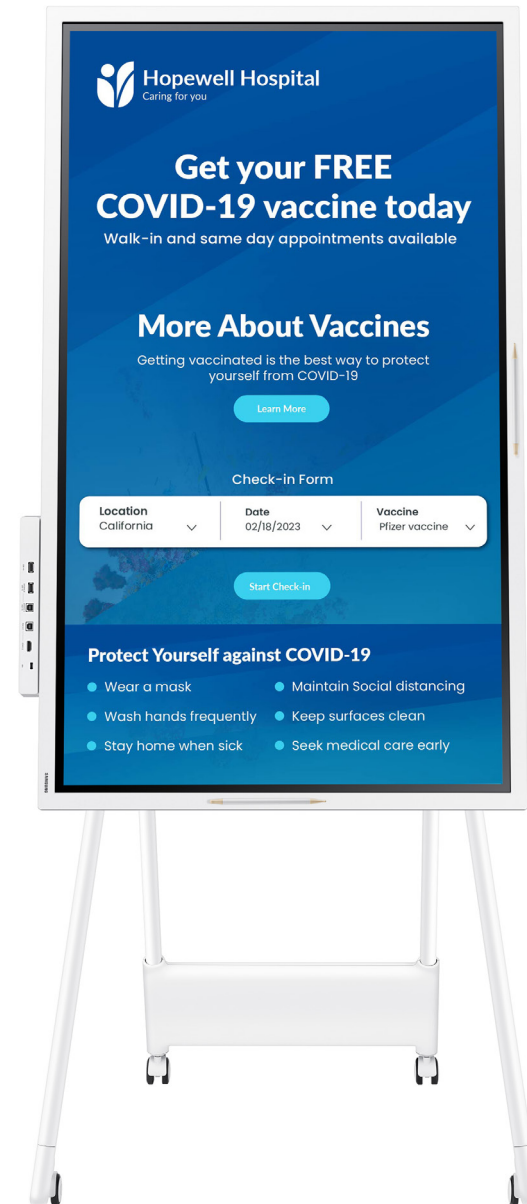
Emergency alerts

Use MagicINFO to create emergency notifications, such as evacuation instructions customized to each display location. Havrion Protect[3] software integrates with your existing emergency monitoring systems to automatically broadcast your messages in an emergency.

Up to 5-year warranty

A 5-year parts and labor warranty on the 75" and 85" models, and a 3-year warranty on the 55" and 65" models with the option to extend it an additional two years, leaves you free to worry about more important things.

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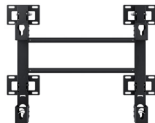
WMB Series Interactive Display

Accessories

Rolling Stand
55"
STN-WM55R
Have impromptu meetings anywhere. Turn any area into an entertainment area for kids or seniors. Set up mobile digital signage where you need it.

Connectivity Tray
55" and 65"
CY-TF65BR
Easily add multiple connections for increased versatility.

OPS Box
75", 85"
CY-PBRK200
An OPS box lets you use third-party apps and tools.

Wall Mounts
55": WMN-4277SF
65": WMN-WM65R
75": WMN6575SF
85": WMN8200SF
A wall mount can save space and give a cleaner overall appearance.

Flip Pen
CY-PENR
Two pens are included with each WMB display. For even greater collaboration, have additional pens on hand.

Connectivity

1.	Optional Tray	3.	Service	5.	DisplayPort	7.	Audio Out
2.	LAN	4.	HDMI 1	6.	Touch Out	8.	OPS SLOT

Front

Back

Connectivity Tray (CY-TF65BBC)

9.	USB	11.	USB Out (External)	13.	HDMI 2
10	USB In (External)	12.	Touch Out 2	14.	USB-C (without P/D)

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WMB Series Interactive Display

Category				WM55B	WM65B	WM75B	WM85B
Panel	Diagonal Size			55"	65"	75"	85"
	Type			New Edge, 60Hz	New Edge, 60Hz	New Edge, 60Hz	New Edge, 60Hz
	Resolution			3,840 x 2,160 (Landscape)	3,840 x 2,160 (Landscape)	3,840 x 2,160 (Landscape)	3,840 x 2,160 (Landscape)
	Brightness (Typ.)			350 nits (without glass)	350 nits (without glass)	350 nits (without glass)	350 nits (without glass)
	Contrast Ratio (Typ.)			4000:1 (Typ.) (without glass)	4000:1 (Typ.) (without glass)	4700:1 (Typ.) (without glass)	4700:1 (Typ.) (without glass)
	Viewing Angle (H/V)			178° (H) / 178° (V)	178° (H) / 178° (V)	178° (H) / 178° (V)	178° (H) / 178° (V)
	Response Time (G-to-G)			8ms (Typ.)	8ms (Typ.)	6ms (Typ.)	6ms (Typ.)
Operation Hours				16/7	16/7	16/7	16/7
Sound	Speaker Type			Built in Speaker (10W x 2)	Built in Speaker (10W x 2)	Built in Speaker (10W x 4)	Built in Speaker (10W x 4)
Connectivity	Input	Video		(Basic) HDMI 1, DP1 (With Tray) HDMI 1, USB-C	(Basic) HDMI 1, DP1 (With Tray) HDMI 1, USB-C	HDMI 2 (Rear1, Front1), DP1, USB C (Front), OPS I/F	HDMI 2 (Rear1, Front1), DP1, USB C (Front), OPS I/F
		USB		(Basic) USB 1 (With Tray) USB 2, USB External (In / Out) 1	(Basic) USB 1 (With Tray) USB 2, USB External (In / Out) 1	2 (For SoC, Rear / Front), 1 (for external 3.0x1 (Front))	2 (For SoC, Rear / Front), 1 (for external 3.0x1 (Front))
	Output	Audio		1 (Stereo Mini Jack)	1 (Stereo Mini Jack)	1 (Stereo Mini Jack)	1 (Stereo Mini Jack)
		Touch Out		(Basic) Touch Out 1 (USB Upstream Type) (With Tray) Touch Out 1	(Basic) Touch Out 1 (USB Upstream Type) (With Tray) Touch Out 1	Touch Out 2 (USB Upstream Type, Front 1, Rear1)	Touch Out 2 (USB Upstream Type, Front 1, Rear1)
	External	Control		Touch Input, RS232C thru Stereo Jack, RJ45 (For MDC)	Touch Input, RS232C thru Stereo Jack, RJ45 (For MDC)	Touch Input, RS232C thru Stereo Jack, RJ45 (For MDC)	Touch Input, RS232C thru Stereo Jack, RJ45 (For MDC)
	Bluetooth / Wi-Fi			Yes (Keyboard / Mouse, Speaker)	Yes (Keyboard / Mouse, Speaker)	Yes (Keyboard / Mouse, Speaker)	Yes (Keyboard / Mouse, Speaker)
Touch	Type			IR	IR	IR	IR
	Number of Drawing			Multi-Annotation up to 4	Multi-Annotation up to 4	Multi-Annotation up to 4	Multi-Annotation up to 4
	Touch Pen Type			Passive Pen with Magnet	Passive Pen with Magnet	Passive Pen with Magnet	Passive Pen with Magnet
	Object Recognition Range			2mm / 4mm / 8mm / 50mm (Brush Mode: Dynamic Object Recognition)	2mm / 4mm / 8mm / 50mm (Brush Mode: Dynamic Object Recognition)	2mm / 4mm / 8mm / 50mm (Brush Mode: Dynamic Object Recognition)	2mm / 4mm / 8mm / 50mm (Brush Mode: Dynamic Object Recognition)
	Touch Response Time			6.7ms	6.7ms	6.7ms	6.7ms
	Drawing Speed (Touch latency)			26ms	26ms	26ms	26ms
	Haze			8%~12%	8%~12%	8%~12%	8%~12%
	Thickness			2.85T	3.2T	3.2T	3.2T
	Hardness			Heat Semi-Strengthened Glass	Heat Semi-Strengthened Glass	Heat Semi-Strengthened Glass	Heat Semi-Strengthened Glass
	Additional Film			AG Film (Anti glare), Hydrophobic Coated PET (Shatter-proof Film), Antimicrobial Coating	AG Film (Anti glare), Hydrophobic Coated PET (Shatter-proof Film), Antimicrobial Coating	AG Film (Anti glare), Hydrophobic Coated PET (Shatter-proof Film), Antimicrobial Coating	AG Film (Anti glare), Hydrophobic Coated PET (Shatter-proof Film), Antimicrobial Coating
Power	Type			Internal	Internal	Internal (Main 1ea, OPS 1ea)	Internal (Main 1ea, OPS 1ea)
	Power Supply			AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
	Power Consumption	Max (W/h)		154W (100-240V)	192.5W (100-240V)	473W (100-240V), 451W(220-240V), OPS (16V/4.5A)	528W (100-240V), 506W (220-240V), OPS (16V/4.5A)
		Typical (W/h)		95W	124W	187W	197W
		Rating (W/h)		140W	175W	430W (100-240V), 410W (220-240V), OPS (16V/4.5A)	480W (100-240V), 460W (220-240V), OPS (16V/4.5A)
		Stand-by (W/h)		0.5	0.5	0.5	0.5
		BTU (W/h)		525.14W	656.425W	1612.93W (100-240V), 1537.91W (220-240V), OPS (16V/4.5A)	1800.48W (100-240V), 1725.46W (220-240V), OPS (16V/4.5A)
Mechanical Spec	Dimensions	Set		1297.4mm x 768.2mm x 59.9mm/ 51.16" x 30.24" x 2.36"	1522.4mm x 897.6mm x 62.9mm / 59.94" x 35.34" x 2.48"	1724mm x 1026.3mm x 89mm / 67.87" x 40.41" x 3.5"	1945.8mm x 1151.1mm x 89mm / 76.61" x 45.32" x 3.5"
		Package		1464mm x 915mm x 190mm / 57.64" x 36.02" x 7.48"	1691mm x 1055mm x 198mm / 66.57" x 41.54" x 7.8"	1905mm x 1189mm x 287mm / 75" x 46.81" x 11.3"	2136mm x 1318mm x 260mm / 84.09" x 51.89" x 10.24"
	Weight	Set		28.6 kg / 63.1 lbs.	39.7 kg / 87.5 lbs.	59.3 kg / 130.7 lbs.	75.2 kg / 165.8 lbs.
		Package		35.9 kg / 79.1 lbs.	48.2 kg / 106.3 lbs.	72.2 kg / 159.2 lbs.	91.6 kg / 201.9 lbs.
	Color			Gray White	Gray White	Gray White	Gray White
	VESA Mount			400 x 400	400 x 400	400 x 400	600 x 400
	Protection Glass			Yes	Yes	Yes	Yes
	Stand Type (Optional)			Stand / Wall Mount (STN-WM55R / WMN4277SF)	Wall Mount (WMN-WM65R)	Wall Mount (WMN6575SE)	Wall Mount (WMN8200SFXZA)
	Media Player Option Type			N/A	N/A	OPS Slot Support	OPS Slot Support
	Rotation			Landscape / Portrait	Landscape / Portrait	Landscape only	Landscape only
	Power Cable Length			3M / 2.4M	3M / 2.4M	3M / 2.4M	3M / 2.4M
Operation	Operating Temperature			0°C~ 40°C / 32˚F ~104˚F	0°C~ 40°C / 32˚F ~104˚F	0°C~ 40°C / 32˚F ~104˚F	0°C~ 40°C / 32˚F ~104˚F
	Humidity			10~80%, Non-condensing	10~80%, Non-condensing	10~80%, non-condensing	10~80%, non-condensing
Feature	Key			Flip App	Flip App	Flip App	Flip App
	Orientation			Landscape / Portrait	Landscape / Portrait	Landscape	Landscape
	Hardware			Touch module (IR), Built in Speaker (20W 2CH), WiFi / BT Module Embedded	Touch module (IR), Built in Speaker (20W 2CH), WiFi / BT Module Embedded	Touch Overlay (IR), Front Connectivity, OPS I/F Support (w/OPS Box), Built in Speaker (40W 4CH), WiFi / BT Module Embedded	Touch Overlay (IR), Front Connectivity, OPS I/F Support (w/OPS Box), Built in Speaker (40W 4CH), WiFi / BT Module Embedded
	Software	First screen		Flip S/W (Whiteboarding App)	Flip S/W (Whiteboarding App)	Flip S/W (Whiteboarding App)	Flip S/W (Whiteboarding App)
		Apps		Document Viewer, Smartview+, Video Player, Web Browser, Workspace, (RDP /VNC, Office365, VMWare)	Document Viewer, Smartview+, Video Player, Web Browser, Workspace, (RDP /VNC, Office365, VMWare)	Document Viewer, Smartview+, Video Player, Web Browser, Workspace, (RDP /VNC, Office365, VMWare)	Document Viewer, Smartview+, Video Player, Web Browser, Workspace, (RDP /VNC, Office365, VMWare),
		WebRTC		Yes	Yes	Yes	Yes
		Upgradable web engine		Yes	Yes	Yes	Yes
		Smartview+		Yes	Yes	Yes	Yes
		Airplay		Yes	Yes	Yes	Yes
	Internal Player (Embedded H/W)	Platform		Pontus-M (Tizen 6.5)	Pontus-M (Tizen 6.5)	Pontus-M (Tizen 6.5)	Pontus-M (Tizen 6.5)
		Processor		CA72 Quad (1.7GHz)	CA72 Quad (1.7GHz)	Cortex A72 1.7GHz Quad-Core CPU 2MB L2	Cortex A72 1.7GHz Quad-Core CPU 2MB L2
		Storage		32GB (2.65GB Occupied by O/S, 29.35GB Available)	32GB (2.65GB Occupied by O/S, 29.35GB Available)	32GB (2.65GB Occupied by O/S, 29.35GB Available)	32GB (2.65GB Occupied by O/S, 29.35GB Available)
		Operating System		Tizen 6.5: Samsung Proprietary OS (VDLinux)	Tizen 6.5: Samsung Proprietary OS (VDLinux)	Tizen 6.5: Samsung Proprietary OS (VDLinux)	Tizen 6.5: Samsung Proprietary OS (VDLinux)
Security				802.1x (WPA2 Enterprise): EAP-TLS, EAP-TTLS, EAP-PEAP	802.1x (WPA2 Enterprise): EAP-TLS, EAP-TTLS, EAP-PEAP	802.1x (WPA2 Enterprise): EAP-TLS, EAP-TTLS, EAP-PEAP	802.1x (WPA2 Enterprise): EAP-TLS, EAP-TTLS, EAP-PEAP
Accessories	Included			Power Cord, USB Upstream Cable (1 ea), Pen (2 ea, Black), Warranty / Quick Start Guide	Power Cord, USB Upstream Cable (1 ea), Pen (2 ea, Black), Warranty / Quick Start Guide	Power Cord, USB Upstream Cable (1 ea), Pen (2 ea, Black), Warranty / Quick Start Guide	Power Cord, USB Upstream Cable (1 ea), Pen (2 ea, Black), Warranty / Quick Start Guide
	Optional	Stand		STN-WM55R	N/A (3rd party stand can be supported through VESA)	N/A (3rd party stand can be supported through VESA)	N/A (3rd party stand can be supported through VESA)
		Mount		WMN-4277SF	WMN-WM65R	WMN6575SE	WMN8200SFXZA
		OPS Mount		-	-	CY-PBRK200	CY-PBRK200
		Tray		CY-TF65BR	CY-TF65BR	-	-
		Flip Pen		CY-PENR	CY-PENR	CY-PENR	CY-PENR
Warranty				3 Years (Optional 2 Years Extended Warranty Available)	3 Years (Optional 2 Years Extended Warranty Available)	5 Years	5 Years

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[1]Antimicrobial coating does not protect users or other items against bacteria, viruses including Covid-19, germs, and other disease organisms. Antimicrobial coating on surface of screen only. [2]A shatter-resistant film is applied to the screen to help mitigate the hazards of shattering glass, but it does not protect the screen from physical impact. [3]This feature requires a no-cost firmware upgrade. [4]Requires MagicINFO license.