

More interactivity means more engagement.

PMF-BC Series 55" and 32" Touchscreen Smart Signage

Engage more people with the impactful, attention-getting Samsung PMF-BC Series touchscreen signage displays. Durable all-in-one solutions with an IP5X rating, the PMF-BC Series is ideal for wayfinding in transportation centers, in retail locations, and for interactivity in conference rooms and other collaborative environments. With the powerful Tizen OS integrated into a Full HD Samsung commercial display, you can deliver rich content with a minimum of maintenance. Series displays are a complete solution designed to engage and empower everyone who sees and touches them.

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Key Features



All-in-One Solution Powered by Tizen OS

The Samsung PMF-BC Series combine an embedded media player, powerful Tizen OS, multi-touch interactivity, and premium Full HD Samsung displays into integrated all-in-one solutions. With the Samsung Smart Signage Platform 4.0, there's no need for an external set-back box or PC.



Multi-point Capacitive Touch

With capacitive touch technology and a simplified UX, the PMF-BC Series offers 10 unique touchpoints', with the feel of analog writing.



Bright, Non-glare Panels Make Messages Easier to See

Brightness of 400 nits (PM55F-BC) and 300 nits (PM32F-BC) combine with non-glare, anti-reflective panels that reduce reflection up to 15%, to provide signage that captures attention and is easy to read.



IP5X for Lasting Durability

PMF-BC Series signage panels are rated IP5X dust-free for longlasting, trouble-free operation without any additional housing.



Convenient Control with a Centralized IR Receiver

Control content easier with an intelligently designed IR receiver. Instead of a single point of reception, PMF-BC Series displays receive IR signals across their entire panels, making remote content control much easier and more reliable.



24/7 Runtime for Reliable, Continuous Operation

Commercial-level cooling technologies offer dependable reliability. The Samsung PMF-BC Series is designed to deliver messages all day and all night, while also delivering peace of mind.

Samsung PMF-BC Series All-In-One Touchscreen Displays





			PM32F-BC	PM55F-BC
Panel	Diagonal Size		32"	55"
	Туре		60Hz E-LED BLU	60Hz E-LED BLU
	Resolution		1920 x 1080 (16:9)	1920 x1080 (16:9)
	Brightness (Typ.)		320 nits (with Touch Glass)	400 nits (with Touch Glass)
	Contrast Ratio (Typ.)		5000:1	4000:1
	Viewing Angle (H / V)		178/178	178/178
	Response Time (G-to-G)		8ms	8ms
	Orientation		Landscape / Portrait	Landscape / Portrait
	Operation Hour		16/7	24/7
	Anti Reflective		10%	15%
Sound	Speaker Type		Built in Speaker (10W + 10W)	Built in Speaker (10W + 10W)
Connectivity		RGB	DVI-I (D-Sub Common), DisplayPort 1.2 (2)	DVI-I (D-Sub Common), DisplayPort 1.2 (2)
connectivity		Video	HDMI 2.0 (2)	HDMI 2.0 (2)
	Input	Audio	Stereo Mini Jack, RGB / DVI / HDMI	Stereo Mini Jack, RGB / DVI / HDMI
		USB	USB 2.0 x 2 (1 Used for Touch)	USB 2.0 x 2 (1 Used for Touch)
		RGB	DP1.2 (Loop-Out)	DP1.2 (Loop-Out)
	Output	Audio	Stereo Mini Jack	Stereo Mini Jack
		USB	USB Type-B x 2 (Touch Sensor Data)	USB Type-B (Touch Sensor Data)
	External Control	1	RS232C (In / Out) Thru Stereo Jack, RJ45	RS232C (In / Out) Thru Stereo Jack, RJ45
	External Sensor		N/A	N/A
Power	Туре		Internal	Internal
	Power Supply		AC100 - 240 V (+/-10 %), 50/60 Hz	AC100 - 240 V (+/-10 %),50/60 Hz
		Max [W / H]	90	187
	Power Consumption	Typical [W / H]	306.9	125
		Sleep Mode	<0.5W	<0.5W
		Off Mode	<0.5W	<0.5W
Mechanical		Set (W x H x D)	29.3" x 17.3" x 2.4"	54.1" x 34.0" x 7.9"
Specs.	Dimensions (Inches)	Package (W x H x D)	31.3" x19.0" x 5.2"	49.1" x 28.8" x 2.3"
		Set Set	19.6 lbs	58.2 lbs
	Weight	Package	22.7 lbs	70.5 lbs
	Bezel Width (Top / Side / Bot)		21.9 / 21.9 / 21.9 (mm)	25.0 /17.9 / 25.0 (mm)
	VESA Mount Stand Type Bezel Width (Top / Side / Bot) Operating Temperature		200 x 200 (mm)	400 x 400 (mm)
			Foot Stand (Optional)	Foot Stand (Optional)
			21.9 / 21.9 / 21.9 (mm)	25.0 / 17.9 / 25.0 (mm)
Environmental			0°C ~ 40°C	0°C ~ 40°C
Environmental Conditions	Operating Humidity		10~80%	10~80%
Features	Special		Non Glare Touch Panel, Temperature Sensor, Videowall (15x15 (OSD)), Videowall Daisy Chain (16), Pivot Display, Clock Battery (168 hrs Clock Keeping), Built in Speaker (10W x 2), WiFi Module Embedded, Tuner (Only for NA), Center IR, Magic Clone (to USB), Auto Source Switching & Recovery, RS232C / RJ45 MDC, Plug and Play, PIP/PBP, Image Rotation, Button Lock, DP1.2 Digital Daisy Chain (HDCP Support), Firmware Update by Network, New Home Screen, PC-less Videowall (External Source Only), Multi Channel, Mobile Control, Event Schedule, Backup Plave.	Non Glare Touch Panel, Temperature Sensor, Videowall (15 x 15 (OSD)), Videowall Daisy Chain (16), Pivot Display, Clock Battery (168 hrs Clock Keeping), Built in Speaker (100 W 2), WiFi Module Embedded, Tuner (Only for NA), Center IR, Magic Clone (to USB), Auto Source Switching & Recovery, RS232C / RJ45 MDC, Plug and Play, PIP/PBP, Image Rotation, Button Lock, DP1.2 Digital Daisy Chain (HDCP Support), Firmware Update by Network, New Home Screen, PC-less Videowall (External Source Only), Multi Channel, Mobile Control, Event Schedule, Backup Player.
	Tuner		Yes	Yes
	SMART Signage Platform Compliant		Yes	Yes
	Internal Media Player		Cortex-A12 1.3GHz Quad Core, 2.5GB DDR3, 8GB FDM, USB 2.0, Tizen 2.4 (VDLinux)	Cortex-A121.3GHz Quad Core, 2.5GB DDR3, 8GB FDM, USB 2.0, Tizen 2.4 (VDLinux)
Accessories	Included		Quick Setup Guide, Regulatory Guide, Warranty Card, Power Cord, Remote Controller, Batteries, RS232C (IN) Gender, Cover Jack, USB Cable	Quick Setup Guide, Regulatory Guide, Warranty Card, Power Cord, Remote Controller, Batteries, RS232C (IN) Gender, Cover Jack, USB Cable
		Stand	STN-L3240E	STN-L4655E
	Optional	Mount	WMN4070SD	WMN4270SD
		Media Player	SBB	SBB
Green	Emission Standard		EMC	EMC
Management	ENERGY STAR Compliant		TBD	TBD
	RoHS Compliant		Yes	Yes
	Packaging Recyclability		Packing Materials	Packing Materials
Service			3 Years Onsite (Parts / Labor / Backlight)	3 Years Onsite (Parts / Labor / Backlight)

Connectivity

1. USB1 5. Audio In

2. USB 2 6. Audio Out

3. RS232C In 7. HDMI1 4. RS232C Out

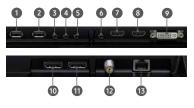
8. HDMI 2

9. DVI / RGB / MagicInfo In

10. DP In

11. DP Out

12. Antenna In 13. RJ45







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