

## 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.



### 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 long-lasting, 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.

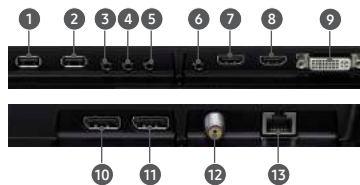
# Samsung PMF-BC Series All-In-One Touchscreen Displays



		PM32F-BC	PM55F-BC		
Panel	Diagonal Size	32"	55"		
	Type	60Hz E-LED BLU	60Hz E-LED BLU		
	Resolution	1920 x 1080 (16:9)	1920 x 1080 (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	Input	RGB	DVI-I (D-Sub Common), DisplayPort 1.2 (2)	DVI-I (D-Sub Common), DisplayPort 1.2 (2)	
		Video	HDMI 2.0 (2)	HDMI 2.0 (2)	
		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)	
	Output	RGB	DP1.2 (Loop-Out)	DP1.2 (Loop-Out)	
		Audio	Stereo Mini Jack	Stereo Mini Jack	
		USB	USB Type-B x 2 (Touch Sensor Data)	USB Type-B (Touch Sensor Data)	
External Control	RS232C (In / Out) Thru Stereo Jack, RJ45	RS232C (In / Out) Thru Stereo Jack, RJ45			
External Sensor	N/A	N/A			
Power	Type	Internal	Internal		
	Power Supply	AC100 - 240 V (+/- 10 %), 50/60 Hz	AC100 - 240 V (+/- 10 %), 50/60 Hz		
	Power Consumption	Max [W / H]	90	187	
		Typical [W / H]	306.9	125	
		Sleep Mode	< 0.5W	< 0.5W	
Off Mode	< 0.5W	< 0.5W			
Mechanical Specs.	Dimensions (Inches)	Set (W x H x D)	29.3" x 17.3" x 2.4"	54.1" x 34.0" x 7.9"	
		Package (W x H x D)	31.3" x 19.0" x 5.2"	49.1" x 28.8" x 2.3"	
	Weight	Set	19.6 lbs	58.2 lbs	
		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	200 x 200 (mm)	400 x 400 (mm)		
	Stand Type	Foot Stand (Optional)	Foot Stand (Optional)		
Bezel Width (Top / Side / Bot)	21.9 / 21.9 / 21.9 (mm)	25.0 / 17.9 / 25.0 (mm)			
Environmental Conditions	Operating Temperature	0°C - 40°C	0°C - 40°C		
	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, DP 1.2 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-A121.3GHz 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			
		Optional	Stand	STN-L3240E	STN-L4655E
			Mount	WMN4070SD	WMN4270SD
Green Management	Emission Standard	EMC	EMC		
	ENERGY STAR Compliant	TBD	TBD		
	RoHS Compliant	Yes	Yes		
	Packaging Recyclability	Packing Materials	Packing Materials		
Service	Standard Warranty	3 Years Onsite (Parts / Labor / Backlight)	3 Years Onsite (Parts / Labor / Backlight)		

## Connectivity

- |               |              |                             |                |
|---------------|--------------|-----------------------------|----------------|
| 1. USB 1      | 5. Audio In  | 9. DVI / RGB / MagicInfo In | 12. Antenna In |
| 2. USB 2      | 6. Audio Out |                             | 13. RJ45       |
| 3. RS232C In  | 7. HDMI 1    | 10. DP In                   |                |
| 4. RS232C Out | 8. HDMI 2    | 11. DP Out                  |                |



## Learn More

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## Product Support

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