

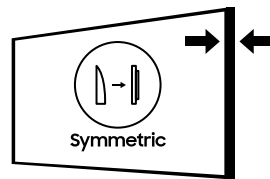
Samsung SMART Signage QM32R

Highlights

- New symmetrical, slim design simplifies installation and complements any environment
- Affordable digital signage that supports 16/7 operation and 400nit brightness
- All-in-one display solution with embedded MagicINFO Player S6 powered by TIZEN™
- Secure, PC-free operation through Knox and rigid three-layer protection

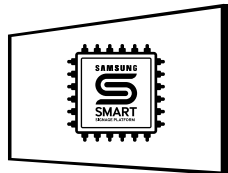


Slim and symmetrical design



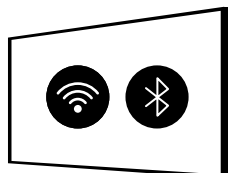
The all-new slim and symmetrical design of the QM32R significantly simplifies wall mounting the display and ensures installation is a seamless process. The display's power inlet direction has been redesigned to sit flush against the wall. The new design sets guarantees a long life cycle ensuring the QM32R will stand the test of time.

Powerful, all-in-one solution



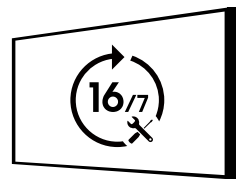
The Samsung SMART Signage Platform (SSSP) is an open-source, all-in-one solution embedded in Samsung SMART signage that simplifies installation and maintenance. With SSSP, there is no need for any external devices to communicate with the server or play digital media enjoying easy development, reinforced capability with multiple web formats, and secured protection.

Wi-Fi and Bluetooth built-in



The QM32R features a nearly endless range of business use-cases thanks to built-in Wi-Fi and Bluetooth. Wireless connectivity allows for personalized and interactive services including enabling integration with beacon technology in store, while also simplifying how businesses showcase content.

Attract customers with optimized 16/7 performance



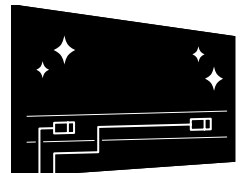
Engage customers and vividly display business messaging with affordable Samsung SMART Signage QM32R, featuring high picture quality with 400nit brightness and reliable 16/7 usage. QM32R displays stunningly present a range of immersive and timely information with captivating picture quality.

Samsung Workspace secured by Knox



Samsung Workspace is a powerful new feature fortified by proprietary Knox security technology allowing users to create an enhanced virtual collaboration workspace without needing a PC in the room, or any physical connection. Simply connect a keyboard and mouse to the display and immediately get to work accessing a PC remotely or web-based cloud services such as Microsoft Office 365 and VMWare Horizon.

Clean cable management



In a corporate or retail environment, the back of a display is often visible to customers. With the QM32R's new cable guide feature retailers can tuck messy cables away from view. This allows for a clean and more visually-appealing customer shopping experience.

Specifications

Model			QM32R	
Panel	Diagonal Size	Class	32	
		Measured	31.5	
	Type		Edge LED BLU	
	Resolution		FHD (1920 x 1080)	
	Pixel Pitch (mm)		0.360(H) x 0.360(V)	
	Active Display Area		698.4(H) x 392.85(V)	
	Brightness(Typ.)		400	
	Contrast Ratio (Typ.)		5000:1	
	Viewing Angle(H/V)		178/178	
	Response Time (G to G)		8ms(Typ.)	
	Display Colors		16.7M(True Display), 1.07B(Dithered 10bit)	
	Color Gamut		72%	
	Operation Hour		16/7	
	Haze		2%	
Display	Dynamic C/R		MEGA	
	H-Scanning Frequency		30 ~ 81KHZ	
	V-Scanning Frequency		48 ~ 75HZ	
	Maximum Pixel Frequency		594MHz	
Sound	Speaker Type		Built in Speaker(10W + 10W)	
Connectivity	INPUT	RGB	Display Port 1.2 (1)	
		VIDEO	HDMI 2.0 (1)	
		HDCP	HDCP2.2	
		AUDIO	Stereo mini Jack, HDMI	
		USB	USB 2.0 x 2	
	OUTPUT	RGB	HDMI 2.0 (Loop-out)	
		VIDEO	N/A	
		AUDIO	Stereo mini Jack	
		Power Out	N/A	
		USB	N/A	
	EXTERNAL CONTROL		RS232C(in/out) thru stereo jack, RJ45	
	EXTERNAL SENSOR		IR	
	Tuner		N/A	
	Power	Type		Internal
Power Supply			AC 100 - 240 V- (+/- 10%), 50/60 Hz	
Power Consumption		Max[W/h]		72
		Typical[W/h]		44
		Rating[W/h]		65
		BTU(Max)		245.5
		Sleep mode		0.5
		Off mode		N/A
Mechanical Spec		Dimension(mm)	Set	725.1 x 419.6 x 34.6
			Package	812 x 513 x 120
	Weight (kg)	Set	5.7	
		Package	8	
	VESA Mount		200 X 200	
	Protection Glass		N/A	
	Stand Type		Foot Stand (Optional)	
Bezel Width (Top/Side/Bot) (mm)		8.8mm(U/L/R/B)		
Operation	Operating Temperature		0°C - 40°C	
	Humidity		10-80%	
Feature	Key		FHD Signage Display, Slim & Light Signage with Built-in MagicInfo S6, SSSP 6.0	
	Special	H/W	Temperature Sensor,Pivot Display, Clock Battery(168hrs Clock Keeping), Built in Speaker(10W 2ch), Video Wall Daisy Chain(HDCP2.2:4EA,HDCP1.4:7EA), IP5x Rating, Wi-Fi/BT	
		S/W	Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot key option, Plug&Play (Initial Setting)	
	Internal Player (Embedded H/W)	Processor		Cortex A72 1.7GHz Quad-Core CPU
		On-Chip Cache Memory		L1 Instruction Cache : 48KB, L1 Data Cache : 32KB, L2 Cache : 2MB
		Clock Speed		1.7GHz
		Main Memory Interface		2.5GB, LPDDR4 1.5GHz 64bit
		Graphics		Graphic resolution : 1920x1080
		Storage (FDM)		Output resolution : 3840x2160 (Scale up from graphic processing result.)
		Multimedia		8GB (3.88GB Occupied by O/S, 4.12GB Available)
	IO Ports		*Video Decoder : MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9, *Audio Decoder : AC3 (DD), MPEG	
Operating System		USB 2.0		
Certification	Safety		Tizen 4.0 (VDLinux)	
	EMC		60950-1	
	Environment		Class B	
	Security		N/A	
Accessories	Included		802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries	
	Optional	Stand	STN-L3240E	
		Mount	WMN4070SE	
		Specialty	CML400XK	
		Media Player	N/A	

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SMART Signage

For more information about Samsung SMART Signage QB13R, QB13R-T Series Displays, visit www.samsung.com/business or www.samsung.com/displaysolutions

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