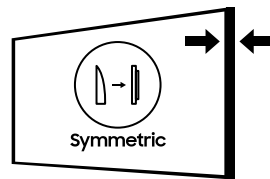# Samsung SMART Signage

QM32R

Highlights

- New symmetrical, slim design simplifies installation and complements any environment
- Affordable digital signage that supports 24/7 operation and 400nit brightness
- All-in-one display solution with embedded MagicINFO Player S6 powered by TIZEN™
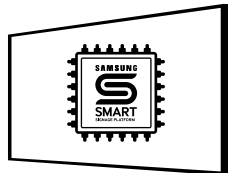- Secure, PC-free operation through Knox and rigid three-layer protection
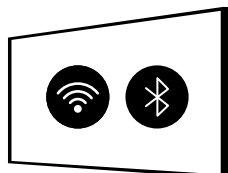
Slim and symmetrical design

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.

Attract customers with optimized 24/7 performance

Engage customers and vividly display business messaging with affordable Samsung SMART Signage QM32R, featuring high picture quality with 400nit brightness and reliable 24/7 usage. QM32R displays stunningly present a range of immersive and timely information with captivating picture quality.
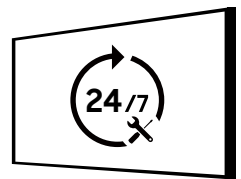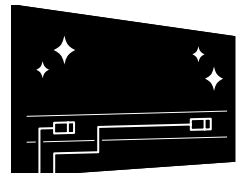
Powerful, all-in-one solution

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.

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.

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.

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.

SAMSUNG

Specifications

Model			QM32R
Panel	Diagonal Size	Class	32
		Measured	31.5
	Type		Edge LED BLU
	Resolution		FHD (1920 x1080)
	Pixel Pitch (mm)		0.360(H) x0.360(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(Ditherd 10bit)
	Color Gamut		72%
	Operation Hour		24/7
	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 x120
	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℃~ 40℃
	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 Output resolution : 3840x2160 (Scale up from graphic processing result.)
		Storage (FDM)	8GB (3.88GB Occupied by O/S, 4.12GB Available)
		Multimedia	*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
		IO Ports	USB 2.0
		Operating System	Tizen 4.0 (VDLinux)
Certification	Safety		60950-1
	EMC		Class B
	Environment		N/A
	Security		802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP
Accessories	Included		Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries
	Optional	Stand	STN-L3240E
		Mount	WMN4070SE
		Specialty	CML400XK
		Media Player	N/A

About Samsung Electronics Co., Ltd.

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, medical equipment, network systems, and semiconductor and LED solutions. For the latest news, please visit the Samsung Newsroom at news.samsung.com.

SMART Signage

For more information about Samsung SMART Signage QM32R Displays, visit www.samsung.com/business or www.samsung.com/displaysolutions

2020-04

SAMSUNG