



Makes everything look better. Including the bottom line.

QER Series Indoor Signage

The Samsung QE82R is an affordable 82" 4K UHD commercial LED edge-lit display that features vivid and lifelike colors, all in a stylish and space-saving slim and symmetrical design. The 350 nits of brightness and 6000:1 contrast ratio ensure every image is sharp and every word is legible. The QE82R supports both portrait and landscape orientation, making it ideal for both corporate meeting rooms and retail applications. Connectivity options include embedded Wi-Fi / Bluetooth, and integrated speakers add sound without having to wire external speakers.



Key Features



Incredible 4K Picture Quality

Samsung's new QER series provides ultra high-definition 4K resolution, creating lifelike images with sharper picture quality than ever before.



Cisco Certified

The QE82R is fully compatible with Cisco WebEx® Room Kit, to create the ultimate video collaboration experience.



Dynamic Crystal Color

The QER series features Dynamic Crystal Color, using 10-bit processing for flawless color expression. It allows viewers to enjoy a wider spectrum of colors, up to one billion shades. That's 64 times more than conventional UHD displays.



Intelligent UHD Upscaling

Samsung's cutting-edge intelligent UHD upscaling technology performs edge restoration and noise reduction to deliver perfect UHD picture quality even with lower resolution content. This future-proof solution ensures best-in-class picture quality regardless of the original content resolution.



Powerful, All-in-One Solution

The embedded MagicInfo Player S7, backed by the powerful Tizen operating system, allows for easy content management and ensures seamless content transition and playback. All without the need for an external signage player or PC.



Wi-Fi and Bluetooth Built-In

Built-in Wi-Fi and Bluetooth allow for more personalized and interactive services, as well as simplifying how businesses showcase content.



ISTA-Certified Package

Ensure safer delivery with best-in-class ISTA-certified packaging, which is intended to help reduce product damage in transit.



Three-Year Warranty

A 3-year warranty means extended peace of mind.

Samsung QER Series 4K UHD Smart Signage Display

		QE82R
Panel	Screen Size	Class: 82", Measured: 81.5"
	Panel Type	Edge Slim
	Resolution	UHD (3840 x 2160)
	Brightness (Typ.)	350 nits
	Contrast Ratio (Typ.)	6000:1
	Viewing Angle (H / V)	178 / 178
	Response Time (G-to-G)	6ms (Typ.)
	Display Colors	16.7M
	Color Gamut	72%
	Operation Hour	16 / 7
	Anti Glare Panel	N/A
	Panel Orientation	Portrait / Landscape
	Special Certifications	Special Certification
Cisco Compatible		Yes
Crestron Certified		Yes
Sound	Speaker Type	Built in Speaker (10W + 10W)
Connectivity: Input	RGB	DVI-D
	Video	HDMI 2.0 (2)
	HDCP	HDCP 2.2
	Audio	Stereo Mini Jack, DVI / HDMI / Audio (Common)
	USB	USB 2.0 x 2
Connectivity: Output	RGB	N/A
	Video	N/A
	Audio	Stereo Mini Jack
	Power Out	N/A
	USB	N/A
External Control	External Control	RS232C (In / Out) thru Stereo Jack, RJ45
	External Sensor	IR
Other Connectivity	Tuner	N/A
	Wi-Fi	Yes
	Bluetooth	Yes
Power/Operation	Type	Internal
	Power Supply	AC 100 - 240 V- (+/- 10 %), 50/60 Hz
	Power Consumption Max [W / H]	231
	Power Consumption Typical [W / H]	173
	Power Consumption Typical BTU (Max)	78/77
	Power Consumption Typical Sleep Mode	0.5
	Power Consumption Typical Off Mode	N/A
Mechanical Specifications	Set Dimensions (inches)	72.3" x 41.4" x 2.4"
	Package Dimensions (inches)	80.2" x 48.2" x 10.2"
	Set Weight (lbs)	103.2
	Package Weight (lbs)	133.6
	VESA Mount	600 x 400
	Protection Glass	N/A
	Stand Type	N/A
Environmental Conditions	Operating Temperature	32° F - 104° F
	Humidity	10-80%
Special Features	Hardware	Temperature Sensor, Pivot Display, Clock Battery (168hrs Clock Keeping), Built in Speaker (10W 2ch), Wi-Fi / BT
	Software	Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot Key Option, Plug & Play (Initial Setting)
Internal Media Player	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 1.6GHz 64bit
	Graphics	Graphic resolution: 1920 x 1080 Output resolution: 3840 x 2160 (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 5.0 (VDLinux)
	SSSP - MagicInfo	Built-in MagicInfo S7, SSSP 7.0
Safety and Environmental Certifications	Safety	60950-1
	EMC	Class A
Accessories	Included	Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries
	Optional Stand	N/A
	Optional Mount	WMN8200SE
Service	Standard Warranty	3 Years Parts / Labor

Connectivity

- | | |
|--------------------|------------------------|
| 1. USB 1 (1.0A) | 7. DVI / HDMI Audio In |
| 2. RJ45 | 8. USB 2 (0.5A) |
| 3. RS232C In | 9. IR In |
| 4. DVI In | 10. RS232C Out |
| 5. HDMI In 1 (ARC) | 11. Audio Out |
| 6. HDMI In 2 | |



ProCare

Samsung ProCare Indoor Display Solutions

- Fast Track with White Glove Next Business Day¹ Service
 - Includes tech-assisted exchange of display: Technician removes original unit, installs replacement and ships non-working unit to Samsung
- Fast Track Next Business Day Exchange
 - Return shipping label provided, customer returns original unit in new unit's box
- Available on sizes 32"-85"
- 3-5 year terms available

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