8K true to life detail, true to life content.

QPR-8K Series QLED 8K Digital Signage

Make every frame count. With four times the resolution of 4K, the Samsung QPR-8K series displays deliver incredibly ultra-realistic images. The 33 million pixels ensure that even at close range, there are no visible pixels or blurring. Only stunning, true to life detail. Samsung QLED 8K signage is supported by AI-powered upscaling, creating brilliant picture quality with 100% color volume and an unprecedented 4,000 nits of peak brightness. And with a slim, minimal design, QLED 8K signage enhances and complements any business environment, including museums, art galleries, financial trading floors, control rooms and high-end retail.

Key Features

True 8K Resolution
With more than 33 million pixels, QLED 8K signage provides exceptional depth and detail, resulting in a spectacularly immersive viewing experience in any business environment.

8K AI Upscaling
QLED's Quantum Processor 8K uses AI-powered machine learning to compare data from millions of images to reduce noise and refine details, delivering clearer pictures, improved resolution and a memorable viewing experience in stunning detail. 4K Ultra HD and Full HD content can be upscaled to 8K resolution. All of your content can be rendered with a new level of breathtaking detail and realism.

100% Color Volume
Samsung's QLED technology ensures the delivery of 100% color volume expression, based on over a billion colors. QLED 8K technology ensures rich, true to life images, meaning viewers will experience the purest color accuracy to-date in any environment.

Quantum HDR 32x
Quantum HDR 32x offers dynamic HDR expression that perfectly optimizes content, scene by scene. Together with a peak brightness of 4000 nits and 8K resolution, scenes appear more dynamic and impactful.

8K Playback with One HDMI Cable
8K content playback is supported by a single HDMI port, avoiding unnecessary cables and delivering a clean installation.

Powerful Embedded Media Player
Samsung QLED 8K Signage is driven by a powerful system on chip (SoC) platform that supports content up to 8K. It also allows for enhanced HTML5 compatibility for displaying content from the web.

Pivot Design
Samsung QLED 8K signage is stunning in landscape or portrait mode (98" model is landscape only).

Three-Year Warranty
A 3-year warranty means extended peace of mind.

Contact Us: samsung.com/b2bdigitalsignage

Samsung QPR-8K Series QLED 8K Digital Signage

		QP82R-8K	QP98R-8K
Panel	Screen Size	82"	98"
	Panel Type	Direct LED BLU	Direct LED BLU
	Resolution	7,680 x 4,320	7,680 x 4,320
	Brightness (Typ.)	500 nits (peak 4,000 nits)	500 nits (peak 4,000 nits)
	Contrast Ratio (Typ.)	1,850:1	2,000:1
	Viewing Angle (H / V)	178˚ / 178˚	178˚ / 178˚
	Response Time (G-to-G)	6ms (Typ.)	6ms (Typ.)
	Display Colors	1.07B	1.07B
	Color Gamut	96% (DCI-P3, CIE 1976)	96% (DCI-P3, CIE 1976)
	Operation Hour	16 / 7	16 / 7
	Anti Glare Panel	No	No
	Panel Orientation	Landscape / Portrait	Landscape
Special Certifications	Special Certification	N/A	N/A
	Cisco Compatible	N/A	N/A
	Crestron Certified	N/A	N/A
Sound	Speaker Type	Built in Speaker (60W 4.2ch)	Built in Speaker (60W 4.2ch)
Connectivity: Input	Video	HDMI 2.0 x 4 ('HDMI4' supports 8K input source)	HDMI 2.0 x 4 ('HDMI4' supports 8K input source)
	HDCP	HDCP2.2	HDCP2.2
	USB	USB 2.0 x 3	USB 2.0 x 3
Connectivity: Output	Video	N/A	N/A
	Audio	Digital Audio Out (Optical)	Digital Audio Out (Optical)
External Control	External Control	RS232C (in) thru Stereo Jack, RJ45	RS232C (in) thru Stereo Jack, RJ45
	External Sensor		
Other Connectivity	Tuner	No	No
	Wi-Fi	Yes	Yes
	Bluetooth	Yes	Yes
Power/Operation	Type	Internal (OC Box)	Internal
	Power Supply	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
	Power Consumption Max [W / H]	621.5	896.5
	Power Consumption Typical [W / H]	(US)580, (EU)510	(US)800, (EU)800
	Power Consumption Typical BTU (Max)	2119.315	3057.1
	Power Consumption Typical Sleep Mode	0.5 W	0.5 W
	Power Consumption Typical Off Mode	N/A	N/A
Mechanical Specifications	Set Dimensions (mm / inches)	1835.0 x 1055.6 x 34.8 mm / 72.24" x 41.56" x 1.37"	2183.5 x 1249.4 x 39.9 mm / 85.96" x 49.19" x 1.57" (w/o Stand)
	Package Dimensions (kg / lbs)	2039.0 x 1224.0 x 260.0 / 80.28" x 48.19" x 10.24"	2370 x 1405 x 350 mm / 93.31" x 55.31" x 13.78"
	Set Weight (kg / lbs)	50.0 kg / 110.23 lbs	84.9 kg / 187.17 lbs
	Package Weight (kg / lbs)	72.7 kg / 160.28 lbs	113.4 kg / 250 lbs
	VESA Mount	600 x 400 mm	600 x 400 mm
	Protection Glass	N/A	N/A
Environmental Conditions	Operating Temperature	0°C~ 40°C / 32˚F ~ 104˚F	0°C~ 40°C / 32˚F ~ 104˚F
	Humidity	10 ~ 80%	10 ~ 80%
Special Features	Hardware	Temperature Sensor, Pivot Display, Clock Battery (168 Hrs Clock Keeping), Built in Speaker (60W 4.2ch), Wi-Fi/BT	Temperature Sensor, Pivot Display, Clock Battery (168 Hrs Clock Keeping), Built in Speaker (60W 4.2ch), Wi-Fi/BT
	Software	Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot Key Option, Plug & Play (Initial Setting)	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	Cortex A72 1.7GHz Quad-Core CPU
	On-Chip Cache Memory	L1 Instruction Cache: 48KB L1 Data Cache: 32KB L2 Cache: 2MB	L1 Instruction Cache: 48KB L1 Data Cache: 32KB L2 Cache: 2MB
	Clock Speed	1.7GHz	1.7GHz
	Main Memory Interface	2.5GB LPDDR4 1440MHz 64bit	2.5GB LPDDR4 1440MHz 64bit
	Graphics	Graphic resolution: 1920 x 1080 Output resolution: 7680 x 4320 (Scale up from graphic processing result)	Graphic resolution: 1920 x 1080 Output resolution: 7680 x 4320 (Scale up from graphic processing result)
	Storage (FDM)	8GB (3.88GB Occupied by O/S, 4.12GB Available)	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	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	USB 2.0
	Operating System	Tizen 5.0 (VDLinux)	Tizen 5.0 (VDLinux)
	SSSP - MagicInfo	MagicInfo 7	MagicInfo 7
Safety and Environmental Certifications	Safety	CB (Europe): IEC60065/EN60065KC (Korea): K 60065RCM (Australia): IEC60065/AS/NZS 60065TUV (Germany): CENEMKO (Norway): CE	CB (Europe): IEC60065/EN60065KC (Korea): K 60065RCM (Australia): IEC60065/AS/NZS 60065TUV (Germany): CENEMKO (Norway): CE
	EMC	FCC (USA) Part 15	FCC (USA) Part 15
	Environment	N/A	N/A
Accessories	Included	Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries and Stand	Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries and Stand
	Optional Mount	WMN8200SE	N/A
Service	Standard Warranty	3 Years	3 Years

Back

ProCare

Samsung ProCare Indoor Display Solutions

- Fast Track with White Glove Next Business Day[1] Service
  - Includes tech-assisted exchange of display: Technician removes original unit, installs replacement and ships non-working unit to Samsung

- Fast Track Next Bustiness Day Exchange
  - Return shipping label provided, customer returns original unit in new unit's box

- Available on sizes 32"-85" (not available on 98")

- 3-5 year terms available

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Product Support 1-866-SAM4BIZ

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[1]For Next Business Day exchange and installation, calls must be received by 3 p.m. eastern time.