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

<table>
<thead>
<tr>
<th>QPR82R-BK</th>
<th>QP98R-BK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Panel</td>
<td>82&quot;</td>
</tr>
<tr>
<td>Screen Size</td>
<td>1920 x 1080</td>
</tr>
<tr>
<td>Resolution</td>
<td>7680 x 4320</td>
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<tr>
<td>Brightness (Typ.)</td>
<td>500 nits</td>
</tr>
<tr>
<td>Viewing Angle (H/W)</td>
<td>178°/178°</td>
</tr>
<tr>
<td>Response Time (G-to-G)</td>
<td>6ms</td>
</tr>
<tr>
<td>Display Colors</td>
<td>1083</td>
</tr>
<tr>
<td>Color Gamut</td>
<td>96% (DCI-P3, CIE 1976)</td>
</tr>
<tr>
<td>Operation Hour</td>
<td>16/7</td>
</tr>
<tr>
<td>Anti Glare Panel</td>
<td>No</td>
</tr>
<tr>
<td>Panel Orientation</td>
<td>Portrait</td>
</tr>
<tr>
<td>Special Certifications</td>
<td>N/A</td>
</tr>
<tr>
<td>Special Certification</td>
<td>N/A</td>
</tr>
<tr>
<td>CEC Certified</td>
<td>N/A</td>
</tr>
<tr>
<td>Signal</td>
<td>Built-in Speaker (60W 4.2ch)</td>
</tr>
<tr>
<td>Speaker Type</td>
<td>Digital Audio Out (Optical)</td>
</tr>
<tr>
<td>Connectivity</td>
<td>RS-232C (in) thru Stereo Jack, RJ45</td>
</tr>
<tr>
<td>Video</td>
<td>uncompressed HDBaseT 2.0 x 4 (4K60Hz supports 8K input source)</td>
</tr>
<tr>
<td>Input</td>
<td>HD1800 x 4500</td>
</tr>
<tr>
<td>USB</td>
<td>USB 2.0 x 3</td>
</tr>
<tr>
<td>Audio</td>
<td>Yes</td>
</tr>
<tr>
<td>Wi-Fi</td>
<td>No</td>
</tr>
<tr>
<td>Wi-Fi</td>
<td>Yes</td>
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<tr>
<td>Bluetooth</td>
<td>Yes</td>
</tr>
<tr>
<td>Power/Operation</td>
<td>N/A</td>
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<tr>
<td>Type</td>
<td>Internal (DC 60W)</td>
</tr>
<tr>
<td>Power Supply</td>
<td>AC 100 - 240 V (~) / 50/60 Hz</td>
</tr>
<tr>
<td>Power Consumption Max (W / H)</td>
<td>0.65</td>
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<tr>
<td>Power Consumption Typical (W / H)</td>
<td>0.56</td>
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<tr>
<td>Power Consumption Typical BTU (Max)</td>
<td>0.5W</td>
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<tr>
<td>Power Consumption Typical Sleep Mode</td>
<td>0.5W</td>
</tr>
<tr>
<td>Power Consumption Typical Off Mode</td>
<td>N/A</td>
</tr>
<tr>
<td>Mechanical Specifications</td>
<td>1835 x 1055.6 x 34.8 mm / 72.24&quot; x 41.56&quot; x 1.37&quot;</td>
</tr>
<tr>
<td>Set Dimensions (mm / inches)</td>
<td>1835 x 1055.6 x 34.8 mm / 72.24&quot; x 41.56&quot; x 1.37&quot;</td>
</tr>
<tr>
<td>Set Weight (kg / lbs)</td>
<td>84.9 kg / 187.17 lbs</td>
</tr>
<tr>
<td>Protection Glass</td>
<td>N/A</td>
</tr>
<tr>
<td>Temperature Operating</td>
<td>10 ~ 35°C / 50 ~ 95°F</td>
</tr>
<tr>
<td>Humidity</td>
<td>10 ~ 80%</td>
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<tr>
<td>Special Features</td>
<td>N/A</td>
</tr>
<tr>
<td>Software</td>
<td>Auto Source Switching &amp; Recovery, LFD Home UI, Button Lock, Hot Key Option, Plug &amp; Play (Initial Setting)</td>
</tr>
<tr>
<td>Processor</td>
<td>Cortex A77 4GHz Quad-Core CPU</td>
</tr>
<tr>
<td>On-Chip Cache Memory</td>
<td>L1 Instruction Cache: 48KB, L1 Data Cache: 256KB</td>
</tr>
<tr>
<td>L2 Cache</td>
<td>2MB</td>
</tr>
<tr>
<td>Main Memory Interface</td>
<td>L2 Cache</td>
</tr>
<tr>
<td>Clock Speed</td>
<td>1.7GHz</td>
</tr>
<tr>
<td>Storage</td>
<td>16GB (13.8GB Occupied by OS, 3.4GB Available)</td>
</tr>
<tr>
<td>Other Connectivity</td>
<td>- DisplayPort x 2, HDMI x 3, DVI x 1, USB x 3, Audio Out (Optical)</td>
</tr>
<tr>
<td>Power Supply</td>
<td>100-240 V~ (+/- 10%)</td>
</tr>
<tr>
<td>Standby Power Consumption</td>
<td>0.5 W</td>
</tr>
<tr>
<td>Audio Decoder</td>
<td>AC3 (DD), MP3</td>
</tr>
<tr>
<td>Video Decoder</td>
<td>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), MP3</td>
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<tr>
<td>Software</td>
<td>Auto Source Switching &amp; Recovery, LFD Home UI, Button Lock, Hot Key Option, Plug &amp; Play (Initial Setting)</td>
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<tr>
<td>Environment</td>
<td>N/A</td>
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<tr>
<td>EMC</td>
<td>FCC (USA) Part 15</td>
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<tr>
<td>Service</td>
<td>3 Years</td>
</tr>
</tbody>
</table>

## ProCare

**Samsung ProCare Indoor Display Solutions**

- Fast Track with White Glove Next Business Day\* 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” (not available on 98”)
  - 5-3 year terms available

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Product Support | 1-866-SAM4BIZ
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\*For Next Business Day exchange and installation, calls must be received by 3 p.m. eastern time.