

43"	QB43R-B	55"	QB55R-B	75"	QB75R-B
50"	QB50R-B	65"	QB65R-B	85"	QB85R-B



# Slim and symmetrical. Every presentation will command attention.

## Slim 4K UHD display with Dynamic Crystal Color

Get maximum impact in every meeting with the Samsung QBR-B series UHD displays. With a sleek and symmetrical design, they're simple to install cleanly and beautifully into every business. 3840 x 2160 resolution means images and text will be exceptionally sharp and crisp, while UHD upscaling improves all your content for maximum impact 16/7. And Dynamic Crystal Color supports up to 1 billion colors for incredibly rich and lifelike color.



### Key Features



#### Slim and symmetrical design

The QBR-B series' slim depth, narrow bezel and symmetrical design vastly simplify mounting and installation, and allow seamless integration into any environment.



#### Clean cable management

The back of the QBR-B series features stylish grooves that cables can be threaded through, keeping connections out of sight.



#### Bright, 4K screen

Ultra HD coupled with 350-nit brightness delivers true 4K color and clarity.



#### Dynamic Crystal Color

Experience crystal-clear, lifelike color with up to a billion shades of color, 64 times more than conventional UHD displays. See every video and presentation come to life like never before.



#### Intelligent UHD upscaling

UHD upscaling is a unique four-step picture improvement process that enables the clarity and detail of standard and high-definition content to be enhanced to the best possible picture quality.



#### HDR powered by HDR 10+

Experience superior brightness, greater detail in blacks, and authentic color with HDR powered by HDR 10+.



#### Powerful, all-in-one solution

System-on-Chip (SoC) technology allows easy content management and playback, without an external set-back box or PC.



#### Cisco Webex certified

The QBR-B series displays have undergone the most stringent of all testing by the Webex Device Business Unit and are fully certified. Combined with Cisco WebEx®, the QBR-B series provides the ultimate conferencing solutions.



#### MagicINFO

Our leading-edge digital signage platform makes content management easier, more flexible and more robust.\*



#### 3-year commercial warranty, 16/7 operation

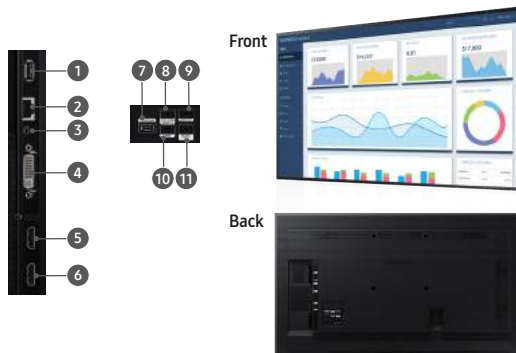
Samsung commercial displays are designed for reliable operation.

# Samsung QBR-B Series UHD Commercial Displays

			QB43R-B	QB50R-B	QB55R-B	QB65R-B	QB75R-B	QB85R-B
Panel	Diagonal Size	Class Measured	43"	50"	55"	65"	75"	85"
	Type		42.5"	49.5"	54.6"	64.5"	74.5"	84.5"
	Resolution		Edge LED BLU	Edge LED BLU	Edge LED BLU	Edge LED BLU	Edge LED BLU	Edge LED BLU
	Brightness (Typ.)		UHD (3840 x 2160)	UHD (3840 x 2160)	UHD (3840 x 2160)	UHD (3840 x 2160)	UHD (3840 x 2160)	UHD (3840 x 2160)
	Contrast Ratio (Typ.)		350	350	350	350	350	350
	Viewing Angle (H/V)		4000:1	4000:1	4000:1	4000:1	4000:1	4000:1
	Response Time (G to G)		178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178
	Display Colors		8ms (Typ.)	8ms (Typ.)	8ms (Typ.)	8ms (Typ.)	8ms (Typ.)	8ms (Typ.)
	Color Gamut		16.7M (True Display)	16.7M (True Display)	16.7M (True Display)	16.7M (True Display)	16.7M (True Display)	16.7M (True Display)
	Operation Hour		1.07B (Dithered 10bit)	1.07B (Dithered 10 Bit)	1.07B (Dithered 10 Bit)	1.07B (Dithered 10 Bit)	1.07B (Dithered 10 Bit)	1.07B (Dithered 10 Bit)
Orientation		92% (DCI-P3, CIE 1976)	92% (DCI-P3, CIE 1976)	92% (DCI-P3, CIE 1976)	92% (DCI-P3, CIE 1976)	92% (DCI-P3, CIE 1976)	92% (DCI-P3, CIE 1976)	
Sound	Speaker Type		Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait
Special Certifications	IP5X Rating		Built in Speaker (10W + 10W)	Built in Speaker (10W + 10W)	Built in Speaker (10W + 10W)	Built in Speaker (10W + 10W)	Built in Speaker (10W + 10W)	Built in Speaker (10W + 10W)
	Non-Glare Panel		Yes	Yes	Yes	Yes	Yes	Yes
Connectivity	Input	RGB	Yes	Yes	Yes	Yes	Yes	Yes
		Video	No	No	No	No	No	No
		Audio	Yes	Yes	Yes	Yes	Yes	Yes
	Output	DVI-D	Yes	Yes	Yes	Yes	Yes	Yes
		HDMI 2.0 (2)	No	No	No	No	No	No
		HDCP2.2	Yes	Yes	Yes	Yes	Yes	Yes
	External Control	Stereo Mini Jack, DVI / HDMI / Audio (Common)	Yes	Yes	Yes	Yes	Yes	Yes
		USB 2.0 x 2	Yes	Yes	Yes	Yes	Yes	Yes
		Stereo Mini Jack	Yes	Yes	Yes	Yes	Yes	Yes
		External Sensor	Yes	Yes	Yes	Yes	Yes	Yes
Power	Wi-Fi	Yes (2.4Ghz Only)	Yes (2.4Ghz Only)	Yes (2.4Ghz Only)	Yes (2.4Ghz Only)	Yes (2.4Ghz Only)	Yes (2.4Ghz Only)	
	Bluetooth	No	No	No	No	No	No	
	Tuner	No	No	No	No	No	No	
	Type	No	No	No	No	No	No	
Mechanical Spec	Internal	Internal	Internal	Internal	Internal	Internal	Internal	
	Power Supply	AC 100 - 240 V- (+/- 10 %), 50/60 Hz	AC 100 - 240 V- (+/- 10 %), 50/60 Hz	AC 100 - 240 V- (+/- 10 %), 50/60 Hz	AC 100 - 240 V- (+/- 10 %), 50/60 Hz	AC 100 - 240 V- (+/- 10 %), 50/60 Hz	AC 100 - 240 V- (+/- 10 %), 50/60 Hz	
	Power Consumption	Max / Typical [W/h] Rating [W/h] BTU (Max) Sleep Mode	110 / 67 100 375.1 0.5	158 / 103 125 470.6 0.5	143 / 108 130 487.6 0.5	181.5 / 128 165 618.9 0.5	231 / 150 210 787.7 0.5	198 / 143 180 675.2 0.5
	Dimensions (mm / inch)	Set Package	967.5 x 557.7 x 48.3 / 38.09" x 21.96" x 1.9" 1095 x 676 x 151 / 43.11" x 26.61" x 5.94"	1121.4 x 643.9 x 46.3 / 44.15" x 25.35" x 1.82" 1269 x 784 x 152 / 49.9" x 30.87" x 5.98"	1235.1 x 707.9 x 46.3 / 48.63" x 27.87" x 1.82" 1402 x 858 x 163 / 55.2" x 33.78" x 6.42"	1453.9 x 831.0 x 46.3 / 57.24" x 32.72" x 1.82" 1611 x 973 x 185 / 63.43" x 38.31" x 7.28"	1681.1 x 960.1 x 49.7 / 66.19" x 37.8" x 1.96" 1871 x 1127 x 223 / 73.66" x 44.37" x 8.78"	1897.8 x 1080.8 x 56.7 / 74.72" x 42.55" x 2.23" 2090 x 1247 x 260 / 82.28" x 49.09" x 10.24"
Operation	Weight (kg / lb)	Set Package	10 kg / 22.05 lb 13.3 kg / 29.32 lb	13.4 kg / 29.5 lb 17.6 kg / 38.8 lb	18.1 kg / 39.9 lb 23.6 kg / 52.03 lb	24.9 kg / 54.9 lb 33.3 kg / 73.41 lb	38.3 kg / 84.44 lb 49 kg / 108.03 lb	48.4 kg / 106.7 lb 63.7 kg / 140.4 lb
	VESA Mount		200 x 200	200 x 200	200 x 200	400 x 400	400 x 400	600 x 400
	Bezel Width (Top / Sides / Bottom) (mm)		9.2mm (T/S), 11.2mm (B)	9.2mm (T/S), 11.2mm (B)	9.2mm (T/S), 11.2mm (B)	9.2mm (T/S), 11.2mm (B)	11.5mm (T/S), 12.5mm (B)	10.9mm (T/S), 12.9mm (B)
	Operating Temperature / Humidity		32°F - 104°F / 10-80%	32°F - 104°F / 10-80%	32°F - 104°F / 10-80%	32°F - 104°F / 10-80%	32°F - 104°F / 10-80%	32°F - 104°F / 10-80%
Features	Key		UHD Signage Display, Slim & Light Signage with Built-in MagicInfo S6, SSSP 6.0					
	Special	Hardware	Temperature Sensor, Pivot Display, Clock Battery (168 Hrs Clock Keeping), Built in Speaker (10W 2ch), IP5X Rating, Wi-Fi					
	Internal Player (Embedded Hardware)	Software	Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot Key Option, Plug & Play (Initial Setting)					
		Processor	Coretex A72 1.7GHz Quad-Core CPU					
		On-Chip Cache	L1 Instruction Cache: 48KB / L1 Data Cache: 32KB / L2 Cache: 2MB					
		Memory	1.7GHz					
Operating System	2.5GB, LPDDR4 1.5GHz 64 Bit							
Certification	Safety		Graphic resolution: 1920 x 1080 Output resolution: 3840 x 2160 (Scale up from graphic processing result.)					
	EMC		8GB (3.88GB Occupied by O/S, 4.12GB Available)					
Accessories	Environment		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					
	Included		USB 2.0					
Service	Optional		Tizen 4.0 (VDLinux)					
	Specialty		60950-1					
Warranty	EMC		Class B					
	Environment		ENERGY STAR 8.0, Epeat					
Warranty	Included		ENERGY STAR 8.0, Epeat					
	Optional		ENERGY STAR 8.0, Epeat					
Warranty	Stand Mount		ENERGY STAR 8.0, Epeat					
	Specialty		ENERGY STAR 8.0, Epeat					

## Connectivity

1. USB 2.0 (1.0A)
2. RJ45
3. RS232C In
4. DVI / MagicInfo In
5. HDMI In 1 (ARC)
6. HDMI In 2
7. USB 2.0 (0.5A)
8. DVI / HDMI Audio In
9. Audio Out
10. IR In
11. RS232C Out



## ProCare

### Samsung ProCare Indoor Display Solutions

- Fast Track with White Glove Next Business Day<sup>1</sup> 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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