

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



## Slim and symmetrical. Every message will command attention.

### Slim 4K UHD Signage with Dynamic Crystal Color

Get maximum impact with every message with the Samsung QBR series UHD signage displays. With a sleek and symmetrical design, they're simple to install cleanly and beautifully into every retail location. 3840 x 2160 resolution means your promotions 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 color and lifelike people and products.



Contact Us: [samsung.com/display](http://samsung.com/display)

### Key Features



#### Slim and Symmetrical Design

The QBR 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 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 nuance and rich, subtle shade of a fashion line in all its magnificence.



#### 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 Room Kit Compatible

The QBR series is fully compatible with Cisco WebEx® Room Kit products. Together, they provide the ultimate conferencing solution.



#### 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.

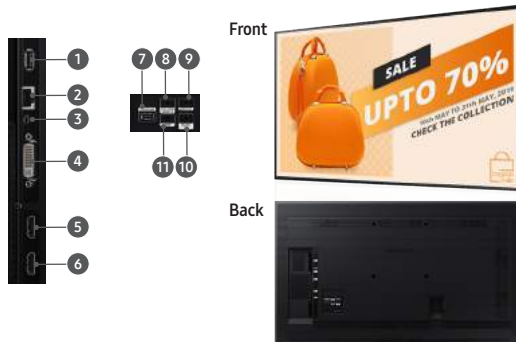
\*License sold separately.

# Samsung QBR Series UHD Commercial Displays

			QB43R	QB50R	QB55R	QB65R	QB75R	QB85R
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		16/7	16/7	16/7	16/7	16/7	16/7
Special Certifications	IP5X Rating		Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait
	Non-Glare Panel		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)
	Cisco Compatible		Yes	Yes	Yes	Yes	Yes	Yes
Connectivity	Input	RGB	Yes	Yes	Yes	Yes	Yes	Yes
		Video	No	No	No	No	No	No
		HDCP	Yes	Yes	Yes	Yes	Yes	Yes
		Audio	DVI-D	DVI-D	DVI-D	DVI-D	DVI-D	DVI-D
		USB	HDMI 2.0 (2)	HDMI 2.0 (2)	HDMI 2.0 (2)	HDMI 2.0 (2)	HDMI 2.0 (2)	HDMI 2.0 (2)
	Output	Audio	HDCP2.2	HDCP2.2	HDCP2.2	HDCP2.2	HDCP2.2	HDCP2.2
		External Control	Stereo Mini Jack, DVI / HDMI / Audio (Common)	Stereo Mini Jack, DVI / HDMI / Audio (Common)	Stereo Mini Jack, DVI / HDMI / Audio (Common)	Stereo Mini Jack, DVI / HDMI / Audio (Common)	Stereo Mini Jack, DVI / HDMI / Audio (Common)	Stereo Mini Jack, DVI / HDMI / Audio (Common)
		External Sensor	USB 2.0 x 2	USB 2.0 x 2	USB 2.0 x 2	USB 2.0 x 2	USB 2.0 x 2	USB 2.0 x 2
		Wi-Fi /Bluetooth	Stereo Mini Jack	Stereo Mini Jack	Stereo Mini Jack	Stereo Mini Jack	Stereo Mini Jack	Stereo Mini Jack
		Tuner	RS232C (In / Out) thru Stereo Jack, RJ45	RS232C (In / Out) thru Stereo Jack, RJ45	RS232C (In / Out) thru Stereo Jack, RJ45	RS232C (In / Out) thru Stereo Jack, RJ45	RS232C (In / Out) thru Stereo Jack, RJ45	RS232C (In / Out) thru Stereo Jack, RJ45
Power	Type	IR	IR	IR	IR	IR	IR	
	Power Supply	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	
	Power Consumption	No	No	No	No	No	No	
	Sleep Mode	Internal	Internal	Internal	Internal	Internal	Internal	
Mechanical Spec	Dimension (mm / inch)	AC100 - 240 V- (+/-10 %), 50/60 Hz	AC100 - 240 V- (+/-10 %), 50/60 Hz	AC100 - 240 V- (+/-10 %), 50/60 Hz	AC100 - 240 V- (+/-10 %), 50/60 Hz	AC100 - 240 V- (+/-10 %), 50/60 Hz	AC100 - 240 V- (+/-10 %), 50/60 Hz	
	Weight (kg / lb)	110 / 67	138 / 103	143 / 108	181.5 / 128	231 / 150	198 / 143	
	VEESA Mount	100	125	130	165	210	180	
	Bezel Width (Top / Side / Bot) (mm)	375.1	470.6	487.6	618.9	787.7	675.2	
Operation	Operating Temperature / Humidity	0.5	0.5	0.5	0.5	0.5	0.5	
	Key	0°C- 40°C / 10-80%	0°C- 40°C / 10-80%	0°C- 40°C / 10-80%	0°C- 40°C / 10-80%	0°C- 40°C / 10-80%	0°C- 40°C / 10-80%	
Features	Special							
	Internal Player (Embedded Hardware)							
	Certification							
	Accessories	Included						
		Optional						
	Service	Warranty						

## 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. RS232C Out
11. IR In



## 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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**SAMSUNG**

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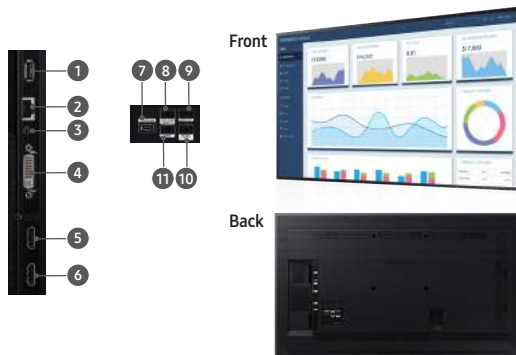
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	Type		42.5"	49.5"	54.6"	64.5"	74.5"	84.5"		
	Resolution		Edge LED BLU	Edge LED BLU	Edge LED BLU	Edge LED BLU	Edge LED BLU	Edge LED BLU		
	Brightness(Typ.)		UHD (3840 x 2160)	UHD (3840 x 2160)	UHD (3840 x 2160)	UHD (3840 x 2160)	UHD (3840 x 2160)	UHD (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)		
Sound	Speaker Type		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)		
	Orientation		16/7	16/7	16/7	16/7	16/7	16/7		
	Special Certifications		Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait		
	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		
	Cisco Compatible		No	No	No	No	No	No		
	Connectivity	RGB		Yes	Yes	Yes	Yes	Yes	Yes	
		Video		DVI-D	DVI-D	DVI-D	DVI-D	DVI-D	DVI-D	
		HDCP		HDMI 2.0 (2)	HDMI 2.0 (2)	HDMI 2.0 (2)	HDMI 2.0 (2)	HDMI 2.0 (2)	HDMI 2.0 (2)	
		Audio		HDCP2.2	HDCP2.2	HDCP2.2	HDCP2.2	HDCP2.2	HDCP2.2	
USB			Stereo Mini Jack, DVI / HDMI / Audio (Common)	Stereo Mini Jack, DVI / HDMI / Audio (Common)	Stereo Mini Jack, DVI / HDMI / Audio (Common)	Stereo Mini Jack, DVI / HDMI / Audio (Common)	Stereo Mini Jack, DVI / HDMI / Audio (Common)	Stereo Mini Jack, DVI / HDMI / Audio (Common)		
External Control			USB 2.0 x 2	USB 2.0 x 2	USB 2.0 x 2	USB 2.0 x 2	USB 2.0 x 2	USB 2.0 x 2		
External Sensor			Stereo Mini Jack	Stereo Mini Jack	Stereo Mini Jack	Stereo Mini Jack	Stereo Mini Jack	Stereo Mini Jack		
Wi-Fi /Bluetooth			RS232C (In / Out) thru Stereo Jack, RJ45	RS232C (In / Out) thru Stereo Jack, RJ45	RS232C (In / Out) thru Stereo Jack, RJ45	RS232C (In / Out) thru Stereo Jack, RJ45	RS232C (In / Out) thru Stereo Jack, RJ45	RS232C (In / Out) thru Stereo Jack, RJ45		
Tuner			IR	IR	IR	IR	IR	IR		
Power		Type		Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	
	Power Supply		No	No	No	No	No	No		
	Power Consumption		Internal	Internal	Internal	Internal	Internal	Internal		
	Max / Typical [W/h]		AC100 - 240 V- (+/-10 %), 50/60 Hz	AC100 - 240 V- (+/-10 %), 50/60 Hz	AC100 - 240 V- (+/-10 %), 50/60 Hz	AC100 - 240 V- (+/-10 %), 50/60 Hz	AC100 - 240 V- (+/-10 %), 50/60 Hz	AC100 - 240 V- (+/-10 %), 50/60 Hz		
	Rating [W/h]		110 / 67	138 / 103	143 / 108	181.5 / 128	231 / 150	198 / 143		
	BTU (Max)		100	125	130	165	210	180		
	Sleep Mode		375.1	470.6	487.6	618.9	787.7	675.2		
	Weight (kg / lb)		0.5	0.5	0.5	0.5	0.5	0.5		
	Mechanical Spec	Dimension (mm / inch)		Set	967.5 x 557.7 x 48.3 / 38.09" x 21.96" x 1.9"	1121.4 x 643.9 x 46.3 / 44.15" x 25.35" x 1.82"	1235.1 x 707.9 x 46.3 / 48.63" x 27.87" x 1.82"	1453.9 x 831.0 x 46.3 / 57.24" x 32.72" x 1.82"	1681.1 x 960.1 x 49.7 / 66.19" x 37.8" x 1.96"	1897.8 x 1080.8 x 56.7 / 74.72" x 42.55" x 2.23"
		Package		1039.5 x 676 x 151 / 43.11" x 26.61" x 5.94"	1269 x 784 x 152 / 49.9" x 30.87" x 5.98"	1402 x 858 x 163 / 55.2" x 33.78" x 6.42"	1611 x 973 x 185 / 63.43" x 38.31" x 7.28"	1871 x 1127 x 223 / 73.66" x 44.37" x 8.78"	2090 x 1247 x 260 / 82.28" x 49.09" x 10.24"	
Weight (kg / lb)			Set	10 kg / 22.05 lb	13.4 kg / 29.5 lb	18.1 kg / 39.9 lb	24.9 kg / 54.9 lb	38.3 kg / 84.4 lb	48.4 kg / 106.7 lb	
Package			13.3 kg / 29.32 lb	17.6 kg / 38.8 lb	23.6 kg / 52.03 lb	33.3 kg / 73.41 lb	49 kg / 108.03 lb	63.7 kg / 140.4 lb	82.28" x 49.09" x 10.24"	
VESA Mount			200 x 200	200 x 200	200 x 200	400 x 400	400 x 400	600 x 400	600 x 400	
Bezel Width (Top / Side / Bot) (mm)			9.2mm (U/L/R), 11.2mm (B)	9.2mm (U/L/R), 11.2mm (B)	9.2mm (U/L/R), 11.2mm (B)	9.2mm (U/L/R), 11.2mm (B)	11.5mm (U/L/R), 12.5mm (B)	10.9mm (U/L/R), 12.9mm (B)	10.9mm (U/L/R), 12.9mm (B)	
Operation		Operating Temperature / Humidity		0°C - 40°C / 10-80%	0°C - 40°C / 10-80%	0°C - 40°C / 10-80%	0°C - 40°C / 10-80%	0°C - 40°C / 10-80%	0°C - 40°C / 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/Bluetooth					
			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						
	Graphics			2.5GB, LPDDR4 1.5GHz 64 Bit						
	Storage (FDM)			Graphic resolution: 1920 x 1080 Output resolution: 3840 x 2160 (Scale up from graphic processing result.)						
	Multimedia			8GB (3.88GB Occupied by O/S, 4.12GB Available)						
IO Ports	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									
Operating System	USB 2.0									
Certification	Safety		Tizen 4.0 (VDLinux)							
	EMC		60950-1							
Accessories	Environment		Class B ENERGY STAR 7.0 (USA)							
	Included		Class A							
Service	Optional		N/A							
	Warranty		Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries							
Service	Stand		STN-L4355F	STN-L4355F	STN-L4355F	N/A	N/A	N/A		
	Mount		WMN4070SE	WMN4070SE	WMN4070SE	WMN42775E, WMN6575SE	WMN42775E, WMN6575SE	WMN82005F, WMN82005G		
	Specialty		CML400XK	CML400XK	CML400XK	CML450K	CML450K	N/A		

## 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. RS232C Out
11. IR In



## ProCare

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- 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
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  - Return shipping label provided, customer returns original unit in new unit's box
- Available on sizes 32"-85"
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