



An imperceptible bezel. An obvious choice.

VHR-R Series Razor Narrow Video Wall

Be big, be beautiful, be seamless. The Samsung VHR-R series video wall features razor-thin bezels of just 0.44mm, for a bezel-to-bezel width of just 0.88mm. That's three one-hundredths of an inch. The result of this barely there bezel is a seamless video wall with incredible impact, whether in a board room, control room, retail space or anywhere else you want your audience to focus on the image. Along with advanced picture enhancement technology and wide viewing angles, the VHR-R series delivers a captivating and seamless experience. And its modern, slim design enhances any business environment.



Key Features



Nearly Invisible 0.44 mm Even Bezel

An exceptionally razor-thin 0.44mm even bezel enables content to be displayed as one immersive, seamless image, eliminating distortion.



Bright Non-Glare Picture Quality 24/7

An impressive 700-nit brightness and non-glare panel provides high visibility 24/7, regardless of ambient light.



Image Enhancement Technology

Samsung's powerful picture enhancement technology ensures all content is vibrant and clear. With Picture Enhancer mode, color saturation and contrast are improved by adjusting the gamma curve. Black Equalizer mode lightens dark images so details are easier to see.



View Content from Any Angle

Wide viewing angles allow viewers to get clear and accurate information, regardless of video wall layout or location.



Modern, Slim Design

The VHR-R display features an ultra-slim depth of less than 2.75". It saves space and creates a clean, modern look for retail or other public spaces.



Accurate, Factory-Calibrated Color

Samsung's multi-step factory calibration process tunes video walls to uniform brightness and color throughout multiple displays.



Easy, Cost-Saving Mobile Calibration

Color Expert Pro Mobile lets even non-experts easily calibrate the white balance of a video wall (up to 5 x 5) simultaneously with a mobile camera.



Powerful UHD Viewing Experience

With daisy chain design utilizing DisplayPort 1.2 and HDMI, the VHR-R display can project UHD content across multiple screens up to 5 x 5, without requiring an external graphics card or UHD splitters.



Three-Year Warranty

A 3-year warranty means extended peace of mind.

Samsung VHR-R Series Razor Narrow Bezel Video Wall

		VH55R-R	
Panel	Screen Size	55"	
	Panel Type	IPS	
	Resolution	1920 x 1080	
	Brightness (Typ.)	Max 700 nits	
	Contrast Ratio (Typ.)	1000:1	
	Viewing Angle (H / V)	178° / 178°	
	Response Time (G-to-G)	8ms	
	Display Colors	8 bit - 16.7M	
	Color Gamut	72%	
	Operation Hour	24 / 7	
	Anti-Glare Panel	Yes	
	Panel Orientation	Landscape / Portrait	
	Special Certifications	Special Certification	N/A
		Cisco Compatible	N/A
Crestron Certified		N/A	
Sound	Speaker Type	N/A	
Connectivity: Input	RGB	DVI-D, DisplayPort 1.2	
	Video	HDMI 2.0 (2)	
	HDCP	HDCP 2.2	
	Audio	Stereo Mini Jack	
	USB	Only F/W Upgrade	
Connectivity: Output	RGB	DPI.2 (Loop-out)	
	Video	N/A	
	Audio	Stereo Mini Jack	
	Power Out	N/A	
External Control	External Control	RS232C (In / Out), RJ45	
	External Sensor	Detachable Type (IR, Ambient)	
Other Connectivity	Tuner	N/A	
	Wi-Fi	N/A	
	Bluetooth	N/A	
Power/Operation	Type	Internal	
	Power Supply	AC 100 - 240 V- (+/- 10 %), 50/60 Hz	
	Power Consumption Max (Watts/Hour)	270	
	Power Consumption Typical (Watts/Hour)	153	
	Power Consumption Typical BTU (Max)	921	
	Power Consumption Typical Sleep Mode	Less than 0.5W	
Mechanical Specifications	Set Dimensions	47.67" x 26.84" x 2.75" / 1211.0 x 681.7 x 69.9mm	
	Package Dimensions	55.67" x 33.2" x 10.12" / 1414.0 x 844.0 x 257.0mm	
	Set Weight	37.0 lbs. / 16.8kg	
	Package Weight	55.3 lbs. / 25.1kg	
	VESA Mount	600 x 400mm	
	Protection Glass	N/A	
Environmental Conditions	Operating Temperature	32°F - 104°F / 0°C - 40°C	
	Humidity	10-80%	
Special Features	Hardware / Software	ACM Support (Advanced Color Management), Auto Source Switching & Recovery, Haze 25%, Temperature Sensor, RS232C / RJ45 MDC, Plug and Play (DDC2B), Video Wall (15 x 15 [OSD]), Video Wall Daisy Chain (10 x 10), Pivot Display, Image Rotation, Button Lock, DP1.2 Digital Daisy Chain (Supporting UHD Resolution, HDCP Support), Smart F/W Update, Clock Battery (80 Hrs Clock Keeping)	
Safety and Environmental Certifications	Safety	UL 60950-1, CSA	
	EMC	FCC Part 15, Subpart B Class A	
Accessories	Environment	N/A	
	Included	Quick Setup Guide, Warranty Card, DP Cable, Stereo to DB9 Cable, Power Cord, Remote Controller, Batteries	
	Optional Stand	N/A	
Service	Optional Mount	WMN-55VD	
	Standard Warranty	3 Years	

Connectivity

1. IR Out
2. IR In
3. DVI In
4. HDMI In 1
5. HDMI In 2
6. DP In
7. Audio Out
8. Audio In
9. RS232C Out
10. RS232C In
11. DP Out (Loop Out)
12. Service
13. RJ45



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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Product Support

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