Samsung SMART LED Signage
VMR-I Series

State-of-the-art rental solution for any event

As the popularity of live events continues to grow worldwide, there is an increasing need for a digital signage solution for all types of corporate and entertainment events. Samsung's VMR-I Series is a state-of-the-art rental solution that enhances any indoor live event, offering easy installation, servicing and disassembly, along with high durability and the ability to support various installation types. The VMR-I Series is a reliable and efficient display, delivering truly captivating content in any indoor environment.

Highlights

- Supreme, smart image quality performance even under low brightness
- Real-time content delivery with low frame latency for any live event
- Rotation support to effortlessly create customized designs for any layout
- Effortless installation through self-locking capability for simpler and faster setup
- Smart angle locking system supporting precise curvilinear installation
- Simple maintenance with full front and rear service, enabling convenient component management
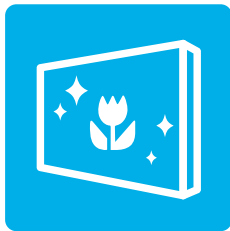- Designed for any installation style across a versatile range of environments

SAMSUNG

Industry trend

Live events, from corporate setups to music festivals, are facing more challenges than ever before. Therefore, they require a solution that brings content to life in new ways, while ensuring efficiency and long-lasting performance. A trusted vendor is critical to this, one that understands the importance of an individual event, while also addressing the need for a variety of capabilities; including simple disassembly, easy installation to meet tight timelines, and effective maintenance for issues that occur during the event, avoiding any interruptions.

Why Samsung VMR-I?

VMR-I Series delivers the latest technology for optimum performance at a variety of demanding, live events. Simple, one-man installation through its self-locking capability, enables fast setup. All components are detachable from the power box to module, and are supported by full front and rear service, providing simple and convenient component management. The VMR-I Series is an ideal solution for any installation at any indoor event, across a versatile range of environments.

Smart Picture
Quality
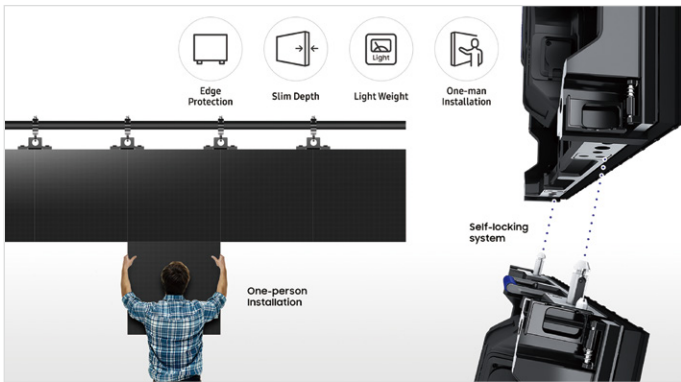
Simple One-man
Installation

Full Front & Rear
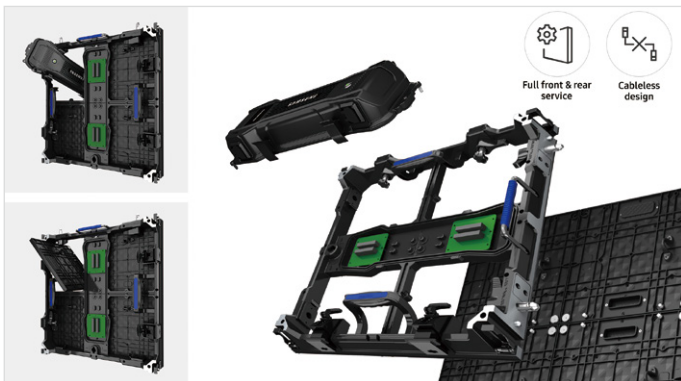Service

Key features

Real-time content delivery and rotation support

Samsung's VMR-I Series enables the delivery of real-time content with reduced frame latency, critical for live concerts and events. Free rotation of the display also helps to effortlessly create customized designs while ensuring content is played regardless of the layout, no matter how unique.

Supreme, smart image quality

18bit+ superior grayscale management and smart gamma correction solution empowers the VMR-I Series to deliver clean and impressive images even under low brightness. Supported by HDR10, the VMR-I Series produces brilliant content that enhances an immersive viewing experience.
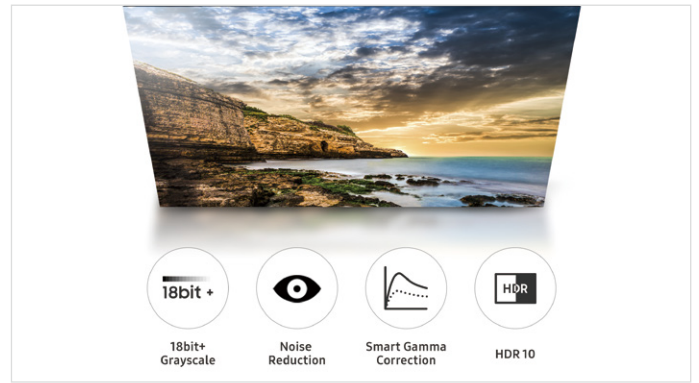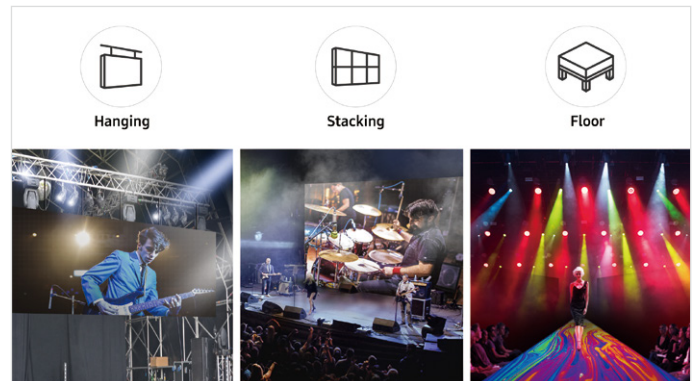

Effortless installation

Samsung's VMR-I Series provides simple, one-man installation through its self-locking capability, enabling fast setup of the solution. In addition, its edge protection design allows the cabinet to stand firmly on the ground by itself while avoiding any damage.

Innovative curved design

The VMR-I Series supports precise curvilinear installation with its smart angle lock allowing concave and convex design. Each perfect angle can quickly and easily be set, without spoiling the overall design that the user desires.

* The VM026R-I model does not provide smart angle locking capability.

Simple, practical maintenance

With all components being detachable from the power box to module, the VMR-I Series supports full front and rear service, making it the ideal solution where space might be limited. In addition, its cable-free design enables simple and convenient component management.

Designed for any installation style

The VMR-I Series is a perfect solution for a variety of installations at any event, from hanging to floor, to stacking. Multiple accessories are provided to help the fast and easy setup of displays across a versatile range of environments.

Specifications

	VM026R-I	VM029R-I	VM039R-I
Physical Pitch	2.6 mm	2.9 mm	3.9 mm
Pixel Configuration	SMD 2020	SMD 2020	SMD 2020
Pixel Density	147,456 pixels/m² 36,864 pixels/panel	112,896 pixels/m² 28,224 pixels/panel	65,536 pixels/m² 16,384 pixels/panel
LED Module Dimensions (mm)	250 x 250	250 x 250	250 x 250
Panel Dimensions (W x H x D) (mm)	500 × 500 × 86	500 × 500 × 86	500 × 500 × 86
No. of Modules Per Panel (W x H)	2 x 2	2 x 2	2 x 2
Physical Resolution of Module (W x H)	96 x 96	84 x 84	64 x 64
Physical Resolution of Panel (W x H)	192 x 192	168 x 168	128 x 128
Weight Per Panel	8.0 kg/panel	7.6 kg/panel	7.4 kg/panel
Weight Per m²	32.0 kg/m²	30.4 kg/m²	29.6 kg/m²
Processing	16 bit	16 bit	16 bit
Colors	281 trillion	281 trillion	281 trillion
Contrast Ratio	4,000 : 1	4,000 : 1	4,000 : 1
Average Power Consumption	48W / panel	48W / panel	48W / panel
Max Power Consumption	160W/panel	160W/panel	160W/panel
Operating Tem/Humidity	-10 - 40℃ / 10% - 80%	-10 - 40℃ / 10% - 80%	-10 - 40℃ / 10% - 80%
Storage Temp/Humidity	-20 - 60℃ / 10% - 95%	-20 - 60℃ / 10% - 95%	-20 - 60℃ / 10% - 95%
Brightness	1,000 nits	1,000 nits	1,000 nits
Refresh Rate	3,840 Hz	3,840 Hz	3,840 Hz
Horizontal Viewing Angle	160°	160°	160°
Vertical Viewing Angle	140°	140°	140°
Expected LED Lifetime (Max)	100,000 Hrs	100,000 Hrs	100,000 Hrs
Max Stacking	20 panels	20 panels	20 panels
Max Hanging	16 panels	16 panels	16 panels
Servicing	Front and Back	Front and Back	Front and Back
Smart Angle Lock	N/A	Concave(10°)/Convex(5°)	Concave(10°)/Convex(5°)
IP Rating	IP 30	IP 30	IP 30
Certification	CE, EMC Class B, ETL, RoHS, FCC	CE, EMC Class B, ETL, RoHS, FCC	CE, EMC Class B, ETL, RoHS, FCC

About Samsung Electronics Co., Ltd.

Samsung inspires the world and shapes the fu ture with transformative ideas and technologies. The company is redefining the world s of TVs, smartphones, wearable devices, tablets, digital appliances, network systems, and memory, system LSI, foundry and LED solutions. For the latest news, please visit the Samsung Newsroom at http://news.samsung.com.

SMART LED Signage

For more information about Samsung SMART LED Signage, visit www.samsung.com/business or www.samsung.com/displaysolutions

Samsung Electronics Co., Ltd.
416, Maetan 3-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 16677, Korea

2019-02

SAMSUNG