

# GM SERIES

DIGITAL BILLBOARDS & ADVERTISING



## GM SERIES

### *VuePix Global Media Series brings new dimensions to the Digital Advertising Markets*

The revolutionary GM series has been designed specifically for fixed outdoor advertising applications, offering the best balance between weight and durability to withstand harsh environmental factors such as direct UV rays, varying temperatures, constant vibrations and severe weather conditions. An exceptionally high brightness of over 5000nits, outstanding contrast allows and high refresh rates allow the GM series to deliver excellent visual effects in any light condition.

The GM Series features a patented Display Monitoring System, allowing you to monitor the screen live conditions and operate remotely from anywhere around the globe. Based on the standard Internet structure, the cloud server automatically collects the specifications and sends report alerts to the operator via email/text if any defect occurs. The operator can also log into the system remotely and check the live conditions of the screen – temperature, humidity, power supply, etc.

The modular design of the cabinets allow for quick and easy and hot swapping of the power and control modules and also has inbuilt cable management. The panels are designed with convection cooling and feature a memory card on board for storage of calibration data. There is also the option to add power redundancy into the unit. The GM Series is lightweight at 31.5KG per cabinet and comes with advanced IP65 waterproof protection and is available in both a front and rear access for maintenance.



## KEY FEATURES

- Exceptionally high brightness of over 5000nits
- Outstanding contrast ratio
- Patented display monitoring system
- Easy and quick hot swap of power and signal modules
- Convection cooled, no fans on board
- Lightweight but durable
- Advanced IP65 waterproof protection
- Both front and rear maintenance options



IP65



Hot Swap



Light Weight



High Refresh  
Rate



High  
Brightness

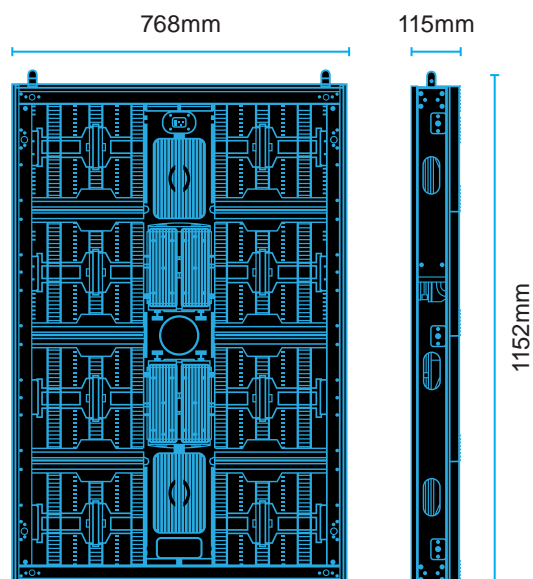


Low Power  
Consumption

## SPECIFICATIONS

	GM6	GM8	GM10	GM12
Pixel Pitch	6 mm	8 mm	10.67 mm	12 mm
Product Application	Rental / Install	Rental / Install	Rental / Install	Rental / Install
LED Arrangement	3 IN 1 SMD	3 IN 1 SMD	3 IN 1 SMD	3 IN 1 SMD
Brightness Level	≥ 5,000 nits	≥ 5,000 nits	≥ 5,000 nits	≥ 5,000 nits
Refresh Rate	≥ 2,000 Hz (configurable)	≥ 2,000 Hz (configurable)	≥ 2,000 Hz (configurable)	≥ 2,000 Hz (configurable)
Viewing Angle	110° / 110°	110° / 110°	110° / 110°	110° / 110°
Physical Density	28,016 pixels /m <sup>2</sup>	15,625 pixels /m <sup>2</sup>	8,789 pixels /m <sup>2</sup>	6,944 pixels /m <sup>2</sup>
Module Dimension	384 x 288 mm	384 x 288 mm	384 x 288 mm	384 x 288 mm
Cabinet Resolution	128 x 192 pixels	96 x 144 pixels	72 x 108 pixels	64 x 96 pixels
Cabinet Width	768 mm	768 mm	768 mm	768 mm
Cabinet Height	1,152 mm	1,152 mm	1,152 mm	1,152 mm
Cabinet Depth	115 mm	115 mm	115 mm	115 mm
Cabinet Weight	31.5 kg	31.5 kg	31.5 kg	31.5 kg
Max Power Consumption	680 W /m <sup>2</sup>	680 W /m <sup>2</sup>	680 W /m <sup>2</sup>	600 W /m <sup>2</sup>
Ave Power Consumption	227 W /m <sup>2</sup>	227 W /m <sup>2</sup>	227 W /m <sup>2</sup>	227 W /m <sup>2</sup>
Voltage Range	AC90-260V 50-60Hz	AC90-260V 50-60Hz	AC90-260V 50-60Hz	AC90-260V 50-60Hz
Operating Temperature	-10°C ~ +45°C	-10°C ~ +45°C	-10°C ~ +45°C	-10°C ~ +45°C
Half Life	100,000 hrs	100,000 hrs	100,000 hrs	100,000 hrs
MTBF	50,000 hrs	50,000 hrs	50,000 hrs	50,000 hrs
Protection Rating	IP65	IP65	IP65	IP65
Verification	SGS, CE, EMC, LVD, FCC, ETL, RoHS	SGS, CE, EMC, LVD, FCC, ETL, RoHS	SGS, CE, EMC, LVD, FCC, ETL, RoHS	SGS, CE, EMC, LVD, FCC, ETL, RoHS

## DIMENSIONAL DRAWING



## GM SERIES FEATURES



Positioning pin for precise alignment



High precision aluminum frame



LED monitoring lights



Each module is integrated with a dissipating plate for releasing heat with no fans



## TIME TO BUILD!

BUILD YOUR NEXT SCREEN WITH OUR SCREEN BUILDER

[www.vuepix.tv/screen-builder](http://www.vuepix.tv/screen-builder)

## DISPLAY RATIOS

