

INDOOR LED DISPLAY

VAL-GM-SERIES

SPECIFICATION				
Pixel Pitch (Resolution)	4 mm	3 mm	2.5 mm	1.875 mm
LED Package Type	SMD	SMD	SMD	SMD
Pixels Per Sq. Meter (Density)	62,500	111,111	160,000	284,444
Module Dimensions	240mmx240mm	240mmx240mm	240mmx240mm	240mmx240mm
Module Matrix	60x60	80x80	96x96	128x128
Module Weight	0.5 KG	0.5 KG	0.5 KG	0.5 KG
Driving Method	1/15 constant current	1/20 constant current	1/32 constant current	1/32 constant current
Refresh Rate	≥3,840 Hz	≥3,840 Hz	≥3,840 Hz	≥3,840 Hz
Video Frame Rate	60 frames/second	60 frames/second	60 frames/second	60 frames/second
Grayscale	65,536 (281 trillion colors)	65,536 (281 trillion colors)	65,536 (281 trillion colors)	65,536 (281 trillion colors)
Color Depth	16 bit	16 bit	16 bit	16 bit
Contrast Ratio	3,000 : 1	3,000 : 1	3,000 : 1	3,000 : 1
Brightness	≥1,000 NITS	≥1,000 NITS	≥1,000 NITS	≥1,000 NITS
Brightness Control	256 levels	256 levels	256 levels	256 levels
Ideal Viewing Range	4m or greater	3m or greater	2m or greater	2m or greater
Ideal Viewing Angle	160°(H) / 120°(V)	160°(H) / 120°(V)	160°(H) / 120°(V)	160°(H) / 120°(V)
Max. Power Consumption	700W/m ²	700W/m ²	750W/m ²	750W/m ²
Avg. Power Consumption	230W/m ²	230W/m ²	250W/m ²	250W/m ²
Input Voltage	88 ~ 264VAC	88 ~ 264VAC	88 ~ 264VAC	88 ~ 264VAC
Operating Temperature	-20 °C - +50 °C	-20 °C - +50 °C	-20 °C - +50 °C	-20 °C - +50 °C
MTBF	>5,000 hours	>5,000 hours	>5,000 hours	>5,000 hours
LED Life - Span	100,000 hours	100,000 hours	100,000 hours	100,000 hours
Cabinet Size	480mmx480mm	480mmx480mm	480mmx480mm	480mmx480mm
Cabinet Material	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum
Cabinet Weight	8 KG	8 KG	8 KG	8 KG