

# INDOOR LED DISPLAY

## VAL-X28-SERIES

SPECIFICATION				
Pixel Pitch	0.945 mm	1.26 mm	1.575 mm	1.89 mm
LED Package Type	SMD 0606	SMD 1010	SMD 1010	SMD 1515
Pixels Per Sq. Meter (Density)	1,119,789	629,882	403,124	279,948
Module Dimensions	151.2mmx170.1mm	151.2mmx170.1mm	151.2mmx170.1mm	151.2mmx170.1mm
Module Matrix	320x180	240x135	192x108	160x90
Module Weight	0.3KG	0.3KG	0.3KG	0.3KG
Driving Method	30 Scan	27 Scan	27 Scan	30 Scan
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	4,000 : 1	4,000 : 1	4,000 : 1	4,000 : 1
Brightness	600 NITS	600 NITS	600 NITS	600 NITS
Brightness Control	256 levels	256 levels	256 levels	256 levels
Ideal Viewing Range	2m or greater	3m or greater	3m or greater	4m or greater
Ideal Viewing Angle	160°(H) / 140°(V)	160°(H) / 140°(V)	160°(H) / 140°(V)	160°(H) / 140°(V)
Max. Power Consumption	800W/m <sup>2</sup>	750W/m <sup>2</sup>	750W/m <sup>2</sup>	700W/m <sup>2</sup>
Avg. Power Consumption	280W/m <sup>2</sup>	250W/m <sup>2</sup>	250W/m <sup>2</sup>	230W/m <sup>2</sup>
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	604.8mm x 340.2mm	604.8mm x 340.2mm	604.8mm x 340.2mm	604.8mm x 340.2mm
Cabinet Material	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum
Cabinet Weight	4.3 KG	4.3 KG	4.3 KG	4.3 KG