HOA Series
LED FULL COLOR SCREEN

HOA full-color LED display, with 2.5-10 mm pixel pitch, ratio of 2:1, module can completely realize visual seamless splicing, with ultra high brightness, contrast and ultra wide viewing angle. It can obtained excellent display effect in any angle. Also, it takes up less space. Long lifespan enable it reaching 100,000 hours, the product can realize taking out modules, power supply, receiving card from rear, which can bringing low maintenance cost.

SPECIFICATIONS

HOA Series		
Physical Parameter	Pixel Pitch	8 mm
	Pixel Configuration	SMD 3535
	Pixel Density (m²)	15,625 pixels/m2
	Pixel Density (Panel)	14,400 pixels/panel
	Physical Resolution of Module (W × H)	40 x 20
	Physical Resolution of Panel (W × H)	120 x 120
	LED Module Dimensions (mm)	320x160mm
	No. of Modules Per Panel (W × H)	3 x 6
	Panel Dimensions (W × H × D) (mm)	960x960x153mm
	Weight (per panel/per m²)	≈30Kg / 33Kg
	Cabinet Material	Iron
Optical Parameter	Brightness (after Cal.)	>=5500nits
	Contrast Ratio	4,000 : 1
	Horizontal Viewing Angle	120°
	Vertical Viewing Angle	120°
	Processing	14 bit
	Color Temperature - Default	6500K±300K
	Color Temperature - Adjustable	3000~9300K
Electrical Parameter	Max Power Consumption (W/Panel)	850 (W/m²) / 783 (W/Cabinet)
	Average Power Consumption (W/m2)	280 (W/m²) / 258 (W/Cabinet)
	Heat Generation - Max (BTU/SF)	-
	Max BTU	- (BTU/m2) / - (BTU/Cabinet)
	Typical BTU	- (BTU/m2) / - (BTU/Cabinet)
	Refresh Rate	>1,920Hz
Operation Conditions	Operating Temp/Humidity	-20 - 60 °C/ 10% - 90%
	Storage Temp/Humidity	-20 - 45 °C/ 10% - 90%
	IP Rating	Front IP 65, Back IP54
	Expected LED Lifetime (Max)	100,000 Hrs
Certification	Certification	
Service	Servicing	Rear
Package (Wooden Box / Min)	Packing Method	Wooden Box (For cabinets, - in -)
	Packaging Dimensions (W × H × D) (mm)	-(W)x -(H)x -(D)
	Packaging Weight (Total)	-kg
Package (Wooden Box / Max)	Packaging Method	Wooden Box (For structure)
	Packaging Dimensions (W × H × D) (mm)	-(W)x -(H)x -(D)
	Packaging Weight (Total)	-kg
Package (Flight Case)	Packaging Method	Flight Case (For cabinets, - in -)
	Packaging Dimensions (W × H × D) (mm)	-(W)x -(H)x -(D)
	Packaging Weight (Total)	-kg
Curve Installation	Curve Support (-:concave +: convex)	Flat, Flat

DIMENSIONS IN MM

HOA

960 x 960 x 153 mm

30kg