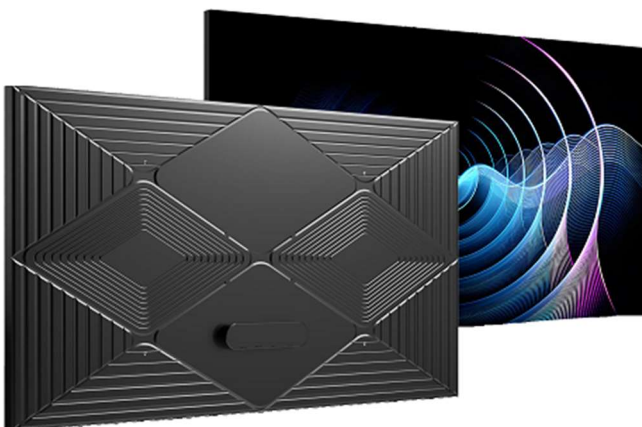




Fine Pitch LED Display System

DAT Series

- Fine Image – Leading technology of high gray level for detailed image gradation
- Superior visual – Wide color gamut coverage for vivid image presentation
- Brilliant design – Die-casting aluminum design with 16:9 aspect ratio to present high definition image
- Great Versatility – Front serviceable module option to fit in with the available space
- Long lifespan – 1 00,000 hrs service life with 24/7 operation
- Single cabinet – Display ratio of 16:9 standard 2K resolution



DAT Series

Delta DAT series using good circuit design techniques to achieve a wide range of colors, excellent color uniformity and high gray level for detailed image gradation. The superior gray level performance can present all detail even in viewing lower light level content. The unique design of de-ghost circuit can also prevent LED damaged by reverse bias.

Die-cast aluminum design and the use of CNC precision machining make the flatness of the screen to be perfect and optimize for 16:9 aspect ratio. FE Series LED video wall displays easily scale for existing Full HD content and sources, Surface with glue.



Specifications

Parameter		DAT-55
Physical	Pixel Pitch(mm)	0.63
	Cabinet Resolution(W x H)	1920 x 1080
	Cabinet Size(W x H x D,mm)	1209.6 x 680.4 x 33.9
	Diagonal Size	55 inch
	Cabinet Area(m ²)	0.823
	Cabinet Weight(kg)	≤ 18.8
	Density(dot/m ²)	2,519,528
	Aspect Ratio	16 : 9
	Flatness(mm)	≤ 0.1
	Maintenance	Front
	IP Rating	≥ IP5X
	Cabinet Material	Die-cast aluminum/Aluminum-magnesium alloy
	Installation	Default Wall mounted, optional Portable Stand
	Connection	HDMI 1.4 Standard Video Signal
Optical	Brightness(cd/m ²)	400 ~ 600 Adjustable
	Color Temp(K)	500 ~ 10000 Adjustable
	Viewing Angle(H/V,°)	≥ 160 / ≥ 160
	Brightness Uniformity	≥ 97%
	Max Contrast Ratio	≥ 7000:1
Electrical	Max Power Consumption(W/m ²)	400
	Avg Power Consumption(W/m ²)	135
	Power Supply	100 - 240VAC ±15%
Processing	Drive Mode	Common Cathode Constant Current Driver 1/34
	Frame Rate(Hz)	30 - 120
	Refresh Rate(Hz)	≥ 3840
	Color Depth(bits)	14 - 18
	Brightness Adjustment	Manual / Automatic
Operating	Lifespan(hr)	≥100,000
	Operating Temp(°C)	-10°C ~ 45°C
	Storage Temp(°C)	-40°C ~ 80°C
	Operating Humidity (RH)	10 ~ 80%
	Storage Humidity (RH)	30 - 60%