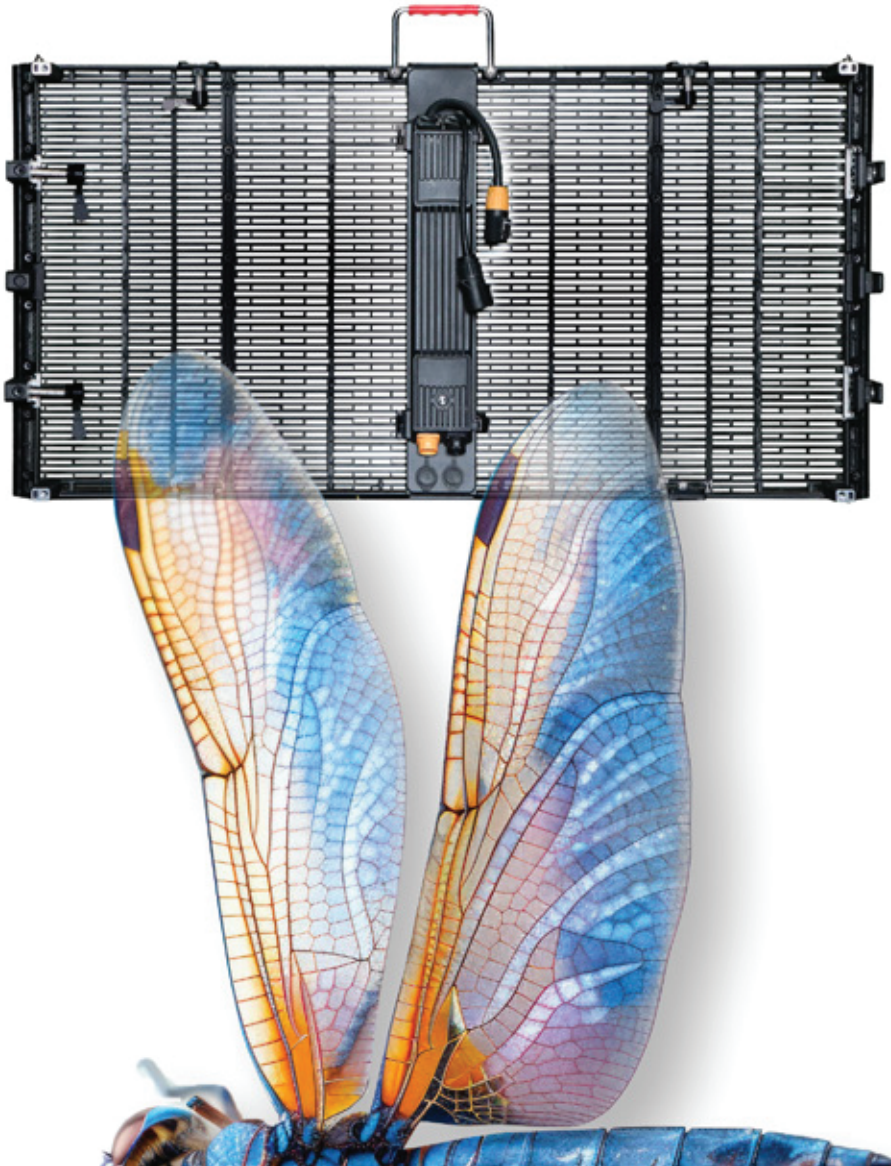
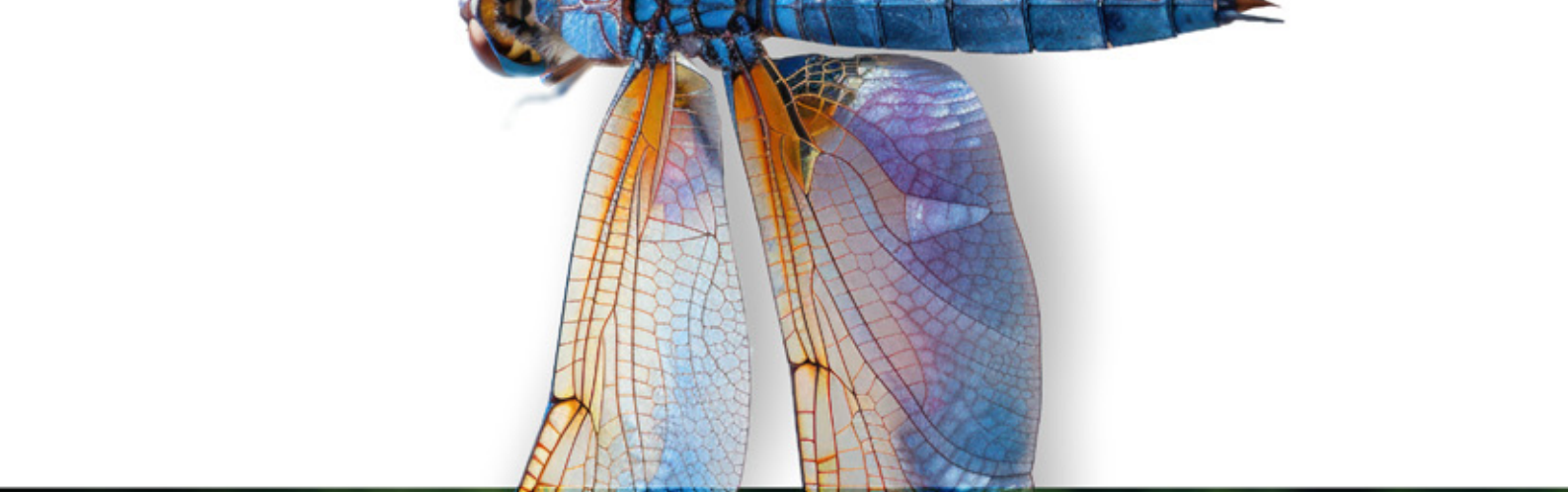
HAWAII™
LED SCREEN

SHELL SERIES





KEY FEATURES

- More than 60% transmittance makes the glass retain the function of lighting
- The thickness ofthe panel is 80mm, which can be maintained front and rear
- Light weight, easy installation, no need for complex supporting steel structures, saving a lot of installation costs
- It can be connected by network cable or optical fiber remote transceiver, and can also be controlled wirelessly by remote cluster
- Its own power consumption is small, the average power is less than 280W/square meter, no need for traditional cooling/radiation system
- The product has passed CE/3C certification

SPECIFICATION

ITEM	SHELL-3.9	SHELL-5.2	SHELL-10.42	SHELL-12.5	SHELL-15.625
Pixel Configuration	SMD	SMD	SMD	SMD	SMD
Pixel Pitch(mm)	3.9:7.81	5.21:10.42	10.42	12.5	15.625
Module Resolution(WxH)	128x16	96x12/96x24	48x12/48x24	40x20	32x8
Module Size(mm)(WxH)	500x125	500x125/500x250	500x125/500x250	500x250	500x125
Module Weight(Kg)	0.97	0.90	0.84	1.62	0.81
Cabinet Resolution(WxH)	256x64/256x128	192x48/192x96	96x48/96x96	80x40/80x80	64x64
Cabinet Size(mm)(WxH)	1000x500/1000x1000	1000x500/1000x1000	1000x500/1000x1000	1000x500/1000x1000	1000x1000
Unit Area(m^2)	0.5/1	0.5/1	0.5/1	0.5/1	1
Cabinet Weight(kg)	7.75/15.5	7.75/15.5	7.75/15.5	7.75/15.5	13
Pixel Density(pixel/m^2)	32831	18420	9210	6400	4096
Surface Flatness(mm)	≤0.3	≤0.3	≤0.3	≤0.3	≤0.3
Brightness Calibration	Yes	Yes	Yes	Yes	Yes
Color Calibration	Yes	Yes	Yes	Yes	Yes
Brightness(nits)	4500	5500	5500	5500	5500
Color Temperature(K)	2500—10000 Adjustable				
Horizontal Viewing Angle	140	140	140	140	140
Vertical Viewing Angle	140	140	140	140	140
Deviation of LED Luminance	<3%	<3%	<3%	<3%	<3%
Brightness Uniformity	≥97%	≥97%	≥97%	≥97%	≥97%
Chromatically Uniformity	±0.003Cx,Cy within				
Contrast Ratio	5000 : 1	5000 : 1	5000 : 1	5000 : 1	5000 : 1
Gray Scale(bit)	14~16	14~16	14~16	14~16	14~16
Max power Consumption	780	750	750	750	750
Ave power Consumption	200	250	250	250	250
Power Supply	AC100~ 240V(50/60Hz)				
Drive Mode	Constant current drive				
Refresh Rate(Hz)	1920/3840	1920/3840	1920/3840	1920/3840	1920/3840
Lifetime(hrs)	100,000	100,000	100,000	100,000	100,000
IP Level	IP65	IP65	IP65	IP65	IP65
Operation Temperature	-20~ 40	-20~ 40	-20~ 40	-20~ 40	-20~ 40
Operation Humidity(RH)	10~90%				

Transparency you can see
Trust you can feel

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