P2.5 高畫質小點間距室內型LED數位看板

Pitch 2.5mm Fine Pitch Solution Of LED Display For Indoor Application

Applying Occasion

零售服務場域

提供尊榮品味無拼接縫之視覺體驗
無限制數量單元模組拼接完美呈現

宴會廳會議廳

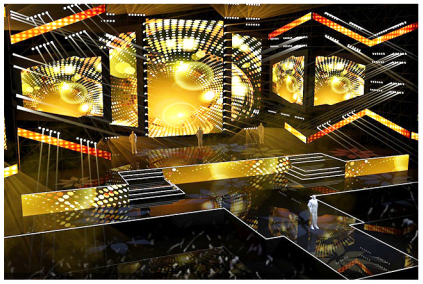
提供尊榮品味無拼接縫之視覺體驗
無限制數量單元模組拼接完美呈現

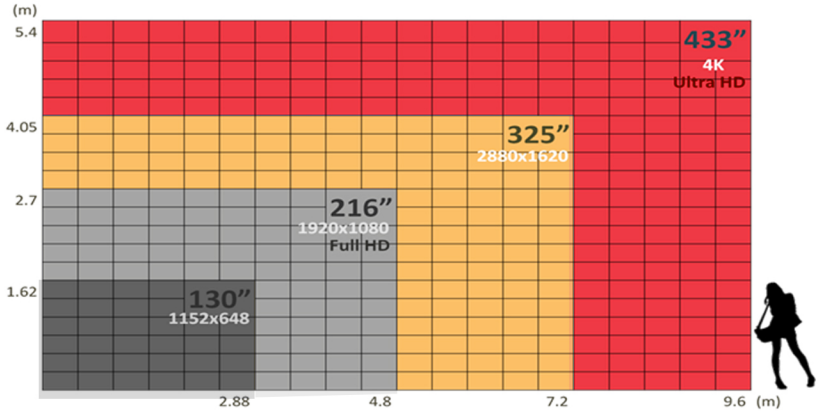
中央控制中心

支援多種外部訊號切換監控管理
24H不停機運作10萬小時壽命

娛樂演藝活動

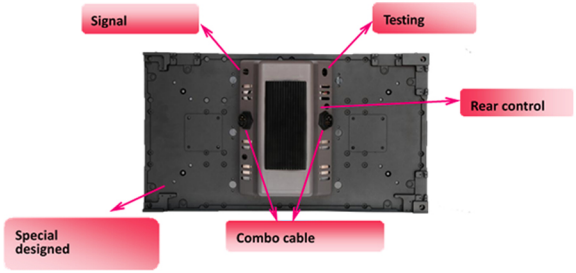
快拆機構輕量化設計易於組裝維護
高亮度高對比高刷新率廣色域品質





Feature

- 16:9 dimension cabinet—easy to build a 16:9 or 4:3 screen
- ***Brilliant*** video performance –high brightness, high contrast, high refresh rate, pure color and super wide color gamut.
- ***Slim*** design—only 130mm for the depth, easy to fit the application site.
- ***Simplex*** connection between cabinets—just one cable needed to get power and signal transmit
- ***Easy*** assembly—a specially designed, light and accurately manufactured mechanism make the installation briefly and no abutted seam.

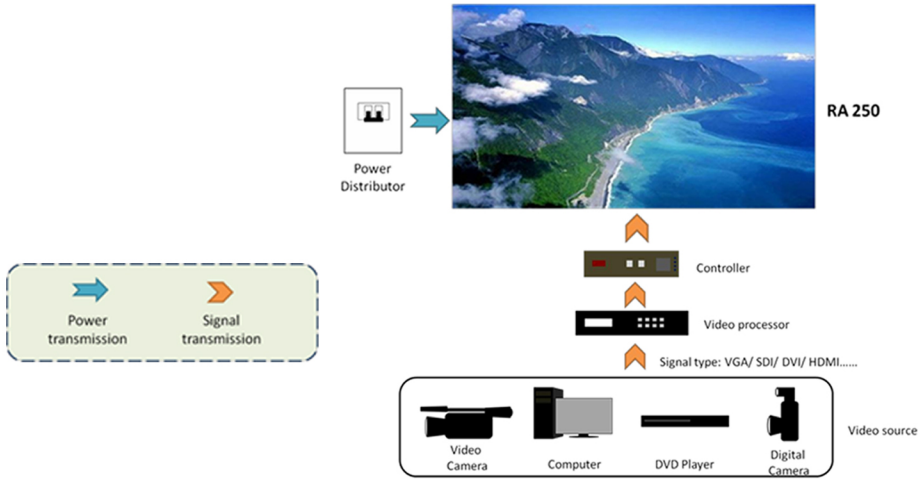


Specification

Cabinet General	
Pixel Pitch	2.5 mm
Pixel Density	160,000 px/m²
LED	3-in-1 SMD1010
Brightness	1,200 nits after Color Calibration
Cabinet Size	480mm x 270mm
Weight	5.2 kg/cabinet
Electrical Parameters	
Refresh Rate	2640 Hz
Frame Rates	60 Hz
S/W Brightness Control	256 steps
Grey Scale Resolution	16 bit
Maximum Power Consumption @1200nits	957 W/m²
Average Power Consumption @30% APL	287 W/m²
Scan Configuration	12
System interface	
Input Voltage	110-240 V
Serviceability	Rear

Optical Parameters	
Color Calibration	dot by dot
Color Temperature	6500K after color calibration
Color Uniformity	≦±0.003Cx,Cy
Brightness uniformity	≥97%
Horizontal viewing angle	160°
Vertical viewing angle	140°
Mechanical Structure	
Mechanical Tolerance	±0.05 mm
Construction Material	Aluminum; ABS
Cooling	Fanless
Operating and Reliability	
LED Lifetime	100,000 hrs
Operating temperature	-20°C~+50°C
Storage temperature	-20°C~+60°C
Operational humidity	20%~90%
Storage humidity	10%~90%
IP rating	IP 30
Certifications	
	CE/ETL/FCC/RoHS

Application

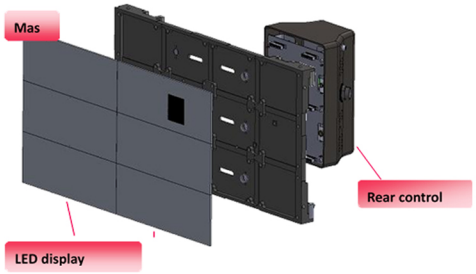
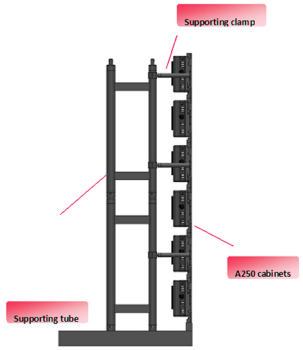


Order Information

Part No.	item	Unit	Remark
18A401	A250 Cabinet	set	Including LED display module, rear control unit, enhanced supporting mechanism and mask.
100602	Combo cable	pcs	Power and digital signal connection between cabinets
100605	Input cable	pcs	Power and digital signal inputting combo cable
40P132	LED display module	pcs	240mm x 90mm PCB with LEDs and passive components. There are six LED display modules in one RA250 cabinet.
40P0A1	Rear control unit	case	Including receiver card, Hub and power supply
10A201	Mask	pcs	The cover, which enhance the contrast ratio, on LED display module. MOQ 100pcs
10A005	Supporting clamp	pcs	Connect the back supporting mechanism and cabinets
10A301	Supporting tube	set	Supporting the display to the ground

Order Information

Exploded perspective view of cabinet



Side view of assembled display