SALTEC PTY LTD

**AUDIO VISUAL
CONSULTANTS
and
INTEGRATORS**

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System Title	: Hercules II 10.00 mm	5,760 x 3,840 mm	273 "	16 : 10.7 Outdoor	Front/Rear
	MODEL PIXEL PITCH	DISPLAY DIMENSION	DIAGONAL	ASPECT RATIO APPLICATION	SERVICEABILITY

SPECIFICATION OF LED DISPLAY SYSTEM - Per Screen

Display dimension	(W x H) :	5,760	x 3,840	mm	Display Area	:	22.12 ㎡
Display Resolution	(H x V) :	576	x 384	Pixel	Total Pixels	:	221,184 Px
Cabinets configuration	(H x V) :	6	x 4		Total Cabinets	:	24 pcs
Aspect Ratio (≈)	(H x V) :	16	: 10.7		Image Diagonal	:	273 "
Total weight c/w Brackets and Cables	: ≈	749	Kg		Mounting Type	:	On Wall Frame
Avarage Power Consumption	≤ :	4,424	W	18.4 A 240v	Serviceability	:	Front/Rear
Maximum Power Consumption	≤ :	17,695	W	73.7 A 240v		:	

SPECIFICATION OF LED CABINET USED IN THE SYSTEM

Cabinet Model	:	Hercules II 10.000 mm Pixel Pitch		LED Grade	:	GD - A1
Brightness	≥ :	10,000 cd/㎡		LED Type	:	SMD
Cabinet dimension	(W x H x D) :	960 x 960.0 x 78 mm		LED Protection	:	Long-shader mask
Cabinet Resolution	(H x V) :	96 x 96 Pixel.		Refresh Rate	:	3840 Hz
Cabinet Structure	:	Aluminum		Color depth	:	16 bit
Weight	(Kg) :	26 /㎡	24 /pc	Contrast Ratio	:	12000 : 1
Viewing angle	(H : V) :	160 : 120 Degree		Serviceability	:	Front/Rear
Viewing distance	≥ :	11.0 meter		Application	:	Outdoor
IP Grade	:	Front : 66	Rear : 66	Cooling Fan	:	
Power Consumption	(W/㎡) :	800 Max.	200 Average	Operation Voltage	:	220-240VAC, 50/60Hz
Heat Load ㎡/hour Max./Average	:	Max.	Average	LED Lifetime	:	100,000 Hrs

Q. No.: 10320   T.Ver: 2. 0.6191

Note: the following images are for reference only, actual products & Qty may vary.

LED Display Cabinet =   24   units
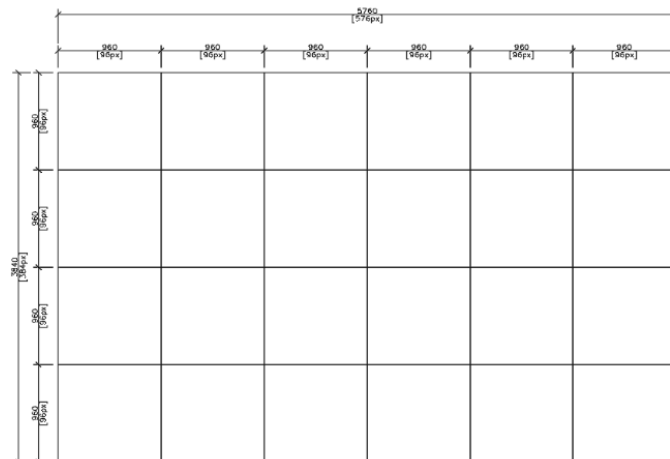

Media Player/Controller/Processor =   1   System(s)

Auto Brightness Light Sensor =   1   unit

Ethernet to Fiber Converter =   2   units

Power Control Board = 1 unit

LED Cabinet Layout plan

Service requirment on site (By Others):

12 x 15 A 3 Pin Power Outlet(s) with # x dedicated 25A circuits (By others).

1 x Cat-5e or Cat-6 UTP cables +   1   x spare from Controller to Screen.

1 x Pre-made Light Sensor (or Cat-6A STP Cable) from Controller to Sensor.

3 x Installers x   3   Days,   Total installation Man-Hours: 72 Hrs.

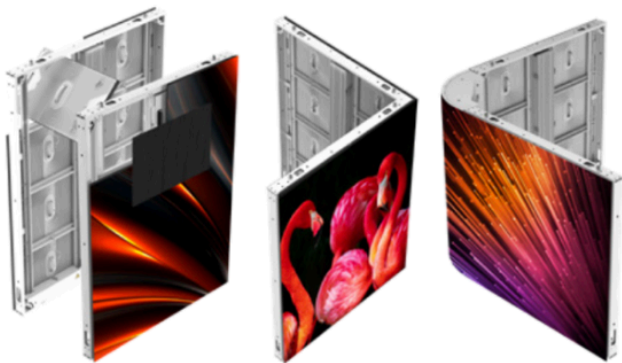1 x Steel Wall mount frame.

Thinner, Lighter & More Cost-Saving

Ultra-slim (78mm) & light cabinets reduce mounting structure and save the cost of transportation and installation. Meanwhile, die-casting aluminum module back cover supports anti-deformation.

78mm

Panel Size:960*1280*78mm

Install & Maintain with Higher Flexibility

Hercules II Series supports both front & rear installation and maintenance with universal modules and allows unique L-shaped and curved splicing in creative display like naked-eye 3D solutions for more flexible application.

Support front & rear maintenance
Left and right modules can be used in common

90° splicing

Curved splicing for naked-eye 3D display
(Hercules II 10)

Hercules II Series
Low-cost operation throughout the life cycle

Specifications

Model	Hercules II 6.67	Hercules II 8	Hercules II 10
Pixel Pitch (mm)	6.67	8	10
Pixel Density (dot/m²)	22500	15625	10000
LED Type	SMD		
Module Size W*H (mm)	480*320		
Module Resolution W*H (pixel)	72*48	60*40	48*32
Panel Size W*H*D (mm)	960*1280*78/960*960*78		
Panel Resolution W*H (dot)	144*192/144*144	120*160/120*120	96*128/96*96
Panel Material	Aluminum		
Weight (Kg/m²)	28		
Brightness (cd/m²)	7000	10000	10000
Brightness Adjustment	Programmable/Automatic/Manual		
Viewing Angle (H/V)	160°/120°		
Gray Scale (bit)	16		
Refresh Rate (Hz)	7680		
Frame Rate (Hz)	50 / 60		
Contrast Ratio	7000:1	8000:1	12000:1
Color Temperature (K)	2000~10000 (Adjustable)		
Voltage (V)	AC 110-220		
Maximum Power Consumption (W/m²)	720	800	800
Average Power Consumption (W/m²)	180	200	200
Serviceability	Front/Rear		
IP Rating	IP66		
LED Lifetime (Hours)	100000		

*Above parameters are for reference only. For more details, please contact our sales team. All rights reserved to LianTronics.

10000nits
High Brightness

40%
Energy Saving

IP66
All-Weather Proof

Excellent Dissipation

28Kg/m²
Ultra Slim & Light

Front/Rear Maintenance

Hercules II Series

Low-cost operation throughout the life cycle

10000nits

Long-Lasting High Brightness

Up to 10000nits high brightness LED screen with long shader brings clear images under strong sunlight; Ultra-low attenuation ensures sharp & vibrant images even after year-by-year running, generating great implicit commercial value for your investment.

40% Energy Saving

High Energy Efficiency

By applying dual-channel voltage input to reduce power consumption to improve conversion efficiency, Hercules II Series enables to lower energy consumption by 40% compared to regular LED displays.

All-Weather Stability

IP66 high waterproof protection from the front and back and a 5VB-flame-retardant aluminum cabinet with good heat dissipation results in more secure and steady performance all the time.

IP66
Waterproof

5VB
Flame Retarded

Exceptional Picture Quality

Patented mask design brings unrivalled high contrast ratio; Up to 7680Hz high refresh rate along with ultra-wide views elevates watching comfort through eye-catching broadcasting.

Conventional LED Walls

LianTronics LED Walls

Short-shader mask

Long-shader mask