500×500mm arc splicing LED Display Screen

Unit LED-MYS 500 Series

MYS 500 is an LED display cabinet product that is compatible with multiple module pitches, adopts an engineering plastic and die - cast aluminum cabinet, has a high protection level, supports quick assembly and disassembly as well as various arc shapes and installation methods, features high refresh rate and high grayscale, and is suitable for different scenarios.

MYS 500-P1.953/2.604/2.976/3.91

MYS 500 Series LED Display Screen

Compatible with multiple pitches

The cabinet is compatible with the 250*250 module size, and supports multiple pitches including P1.953, 2.604, and 3.91. One cabinet serves multiple purposes, and product upgrade can be completed just by replacing the module, with low upgrade cost.

Protection up to IP65

The front and rear protection levels are as high as IP65 (only supported by outdoor products), supporting outdoor naked installation and not fearing rainy weather.

High refresh rate & grayscale

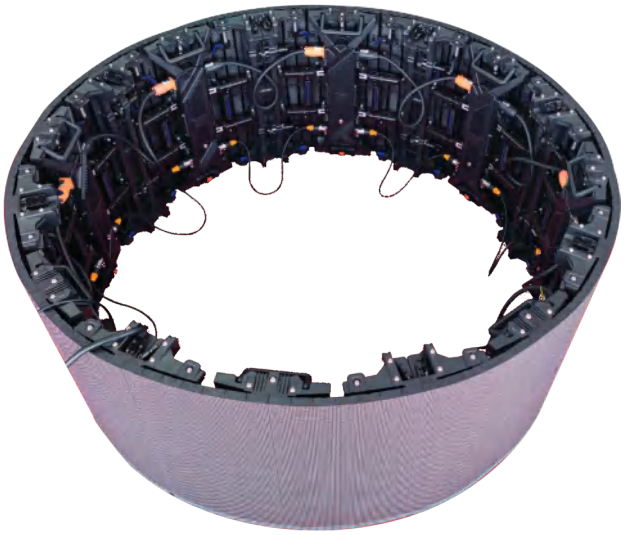
The refresh rate is ≥ 3840Hz, and the gray scale level is as high as 14bit. With the design of high gray scale and high refresh rate, the display is clear without flickering and has rich colors.

Stable & reliable hard connection

Integrated hard - connection design. The power supply, HUB and module adopt hard connection, with reliable and stable connection.

Quick assembly & disassembly

The cabinet is equipped with fast locks and handles in the up, down, left, and right directions, with the function of quick installation and disassembly, meeting the needs of quick assembly and disassembly for rental activities, being efficient and convenient.



Inner & outer arc splicing

For inner and outer arc splicing, the minimum radius is 0.64 meters (8 cabinets form a circle). It supports splicing with MY500 standard cabinets (splicing of straight screens and arc screens).

Supports arc splicing

Supports arc - shaped cabinet splicing. A single cabinet supports a 45 - degree (from +22.5° to -22.5°) arc, easily realizing the display of inner and outer arc S - shaped, U - shaped and other shapes.

High Quality With Global Standards,
CE EMC, RoHS, FCC Certificated.

Specification

MYS 500

Pixel Pitch	P1.953mm	P2.604mm	P2.976mm	P3.91mm	P2.976mm(outdoor)	P3.91mm(outdoor)
Pixels per cabinet	256×256	192×192	168×168	128×128	168×168	128×128
Module size	500×250mm	250×250mm	250×250mm	250×250mm	250×250mm	250×250mm
Module resolution	256×128dots	96×96dots	84×84dots	64×64dots	84×84dots	64×64dots
Avg Power consumption	270 W/m2				384 W/m2	
Max Power consumption	450 W/m2				640 W/m2	
IP rating	IP50				IP65	
Serviceability	Frontal & rear service				Rear service	
Brightness	600-800nits				4500-5000 nits	
Refresh rate	3840-7680Hz					
Grey Level	14 bits					
Dimensions	500 x 500 x 80 mm(WxHxD)					
Weight	6kg					
Operation power voltage	100-240V/50-60Hz					
Operational temperature	-10°C to +40°C/14°F to 104°F					
Operational humidity	10-80%					
LED lifetime	100000h					