



SkyFlex
By Dicolor

MS-03 Series

Product specification

Indoor commercial fixed LED display screen

Always On, Always Energy-Saving

SkyFlex – New sub-brand under Dicolor's fixed installation product line. Backed by technical expertise & customer insights, it delivers reliable, energy-efficient, high-performance LED fixed installation display solutions globally.

MS-03

Standard commercial indoor
fixed LED display screen



Light



Convenient
maintenance



High
precision



Hidden
cabling



Excellent
heat dissipation

Product overview

The MS-03 series is a purpose-built indoor fixed product for commercial display such as indoor advertising media, conference rooms, retail stores, airports, entertainment venues

Product features

- Flexible size, high precision, high refresh rate, flexible shape, wide coverage pitch
- The cabinet size is designed in multiples of the module to meet the installation size requirements of different scenarios.
- High-precision and high-strength die-cast cabinets are used to ensure a fine display effect.
- The refresh rate can reach 3840Hz, with no image trailing.
- 0-90° corner installation is available to meet various structural installation needs.
- The pitch is selectable from P1.2 to P2.5, covering all indoor application scenarios.

Technical Parameters

Parameter	MS-12103	MS-15103	MS-18103
LED Arrangement	SMD1010	SMD1212	SMD1515
Pixel Pitch (mm)	1.25	1.53	1.86
Module Size (mm)		320x160	
Module Resolution (W×H)	256*128	208*104	172*86
Unit Composition (W×H)		2*3	
Cabinet Size (mm)		640x480x60	
Cabinet Resolution (W×H)	512*384	416*312	344* 258
Pixel Density (Dots/m ²)	640000	422500	289444
Cabinet Material		Sheet Metal	
Cabinet Weight (kg)		7	
Brightness Level (nits)		600	
Frame Rate (Hz)		≥3840	
Scanning Method	1/64S	1/52S	1/43S
Grey Scale		16bit	
Visual View Angle (H/V)		140°/ 140°	
Contrast Ratio		8000:1	
Max Power (W/m ²)		500	
Average Power (W/m ²)		150	
Voltage		AC100~240V (50~60Hz)	
Operating Temperature/Humidity		-10°C~+40°C; 10%~90%RH	
Storage Temperature/Humidity		-20°C~+60°C; 10%~90%RH	
Service Life		≥100,000Hrs	
Maintenance Method		Front	
Protecting Rating		IP41	

※ According to the different configuration, the parameters are slightly changed, for more information, welcome to consult.

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Technical Parameters

Parameter	MS-20103	MS-25103	MS-30103
LED Arrangement	SMD1515	SMD1515	SMD2020
Pixel Pitch (mm)	2	2.5	3.07
Module Size (mm)		320x160	
Module Resolution (W×H)	160*80	128*64	104*52
Unit Composition (W×H)		2*3	
Cabinet Size (mm)		640x480x60	
Cabinet Resolution (W×H)	320* 240	256*128	208*156
Pixel Density (Dots/m ²)	250000	160000	105625
Cabinet Material		Die-cast aluminum	
Cabinet Weight (kg)		7	
Brightness Level (nits)		600	
Frame Rate (Hz)		≥3840	
Scanning Method	1/40S	1/64S	1/52S
Grey Scale		16bit	
Visual View Angle (H/V)		140°/ 140°	
Contrast Ratio		8000:1	
Max Power (W/m ²)		500	
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