IP65 Outdoor P4.81 LED Screen Private Cabinet Model 500x500mm Quick Installation

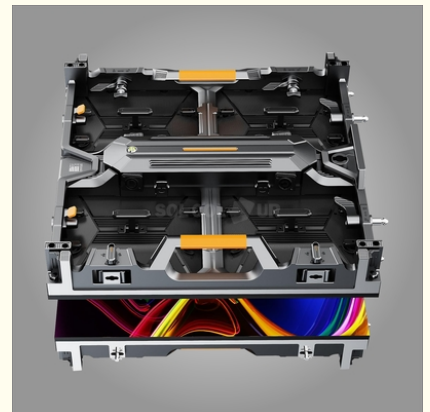**Our Product Introduction**

Basic Information

- Place of Origin: China
- Brand Name: Sol-colur
- Certification: CE/FCC/ROHS/ISO
- Model Number: P4.81
- Minimum Order Quantity: 1sqm
- Price: Negotiated
- Packaging Details: Flight case, Wooden case
- Delivery Time: 10 working days after receiving deposit
- Payment Terms: L/C, T/T
- Supply Ability: 5000sqm/month

Product Specification

- LEDs Brand: Nationstar/Kinglight/Ruisheng/Mulinsen/speci
- Refresh Rate: 3840Hz-7680Hz
- Brightness: ≥4000 Cd/m2
- Scan Mode: 1/13 Scan
- Maintenance Methods: Rear & Front
- Module Size: 250*250mm
- Cabinet Size: 500*500mm
- Cabinet Material: Die Casting Aluminum
- Cabinet Weight: 4.2 Kg
- Protection Level: IP65
- Max. Power Consumption: ≤630W/
- Ave. Power Consumption: ≤220W/
- Gray Level: 14 Bits-16 Bits
- Installation: Hanging/ Ground
- Highlight: **IP65 P4.81 LED Screen**、

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Product features:

1. Self-developed private model products, modular design, support rear/front maintenance.

2. The human-centered arc lock design ensures compatibility with both straight and curved screens, addressing different customer demands for flexible splicing.

3. Multiple layers of protection reduce maintenance needs. The lightweight die-cast aluminum cabinet is strong, highly precise, and resistant to deformation.

4. The average power consumption is only up to 220W, which is energy-saving and environmentally friendly.

5. Ultra-wide 120-degree field of view.

6. RGB deep grayscale processing enhances color richness and delicacy, ensuring sharp and lifelike picture quality.

7. The HUB connection is suitable for rental, uses screwless fixing, and is easy and quick to disassemble and install.
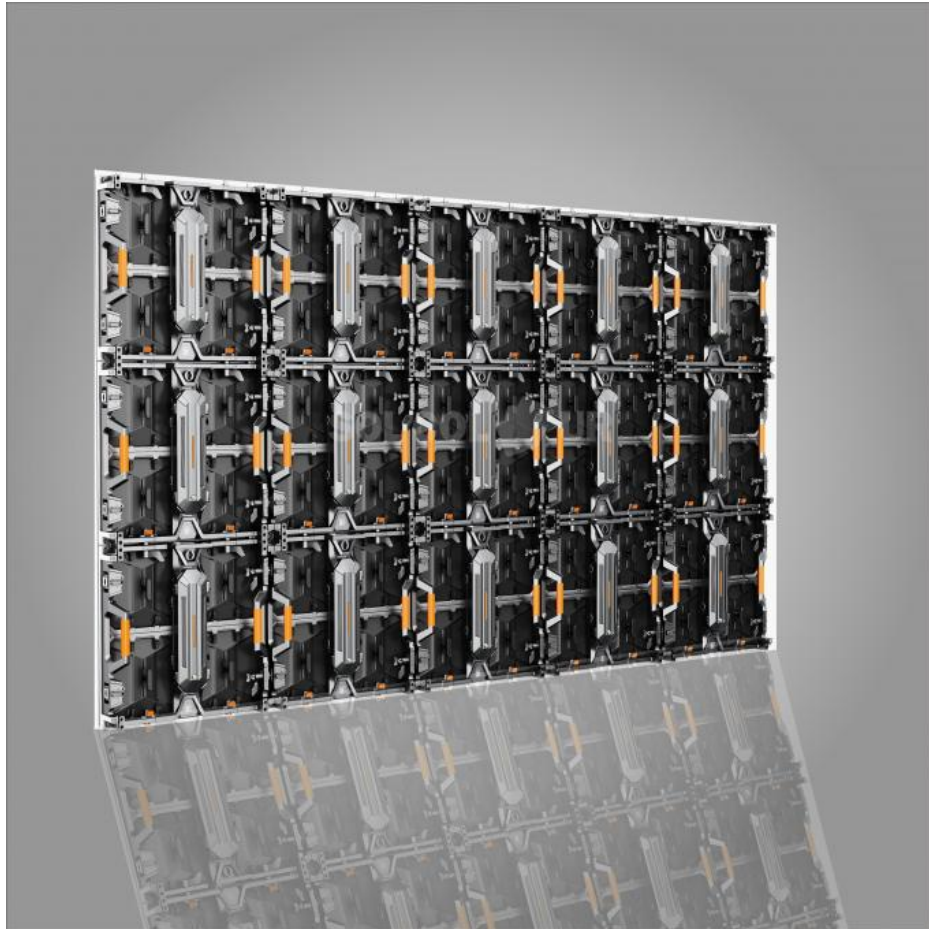
Product technical specifications:

Item	Parameter	Specification
Module parameters	Pitch	4.81mm
	LEDs	SMD1921
	Lead wire	Copper
	Module resolution	52*52 dots
	Module size ± tolerances	249.90±0.1(V)* 249.90±0.1(H)*17.9±0.5(D)
	Module weight ± tolerances	≤0.60 KGS
	Pixel density	43222 dots/
Cabinet parameters	Cabinet size ± tolerances	499.9(±0.1)(H)*499.9(±0.1) (V)* 76(±0.2)(D)
	Cabinet flatness	≤1.0mm
	Cabinet material	Die casting aluminum
	Cabinet weight ± tolerance	≤4.2 KGS
Cabinet parameters of screen	Module quantity for 1 cabinet	2*2=4 PCS
	Cabinet resolution	104*104 dots
	Cabinet + Module size ± tolerance	499.9(±0.1)(H)*499.9(±0.1) (V)*85(±0.2)(D)
	Cabinet + Module weight ± tolerance	7.5 KGS
	Maintenance methods	Rear/Front
	Flatness	≤1.0mm
	Screen seams	≤1.0mm

Optical parameters	Pixel-by-pixel brightness correction	Support
	Pixel-by-pixel chromaticity correction	Support
	White balance brightness	≥4000 cd/m2
	Color temperature	3000K-15000K
	Horizontal viewing angle	≥120°
	Vertical viewing angle	≥110°
	Viewing distance(=PITCH*1)	≥4m
Electrical parameters	Max. power consumption of cabinet	≤200 W
	Ave. power consumption	≤220W/
	Max. power consumption	≤630W/
	Power supply requirements	220-240V AC
Processing performance	Scan	13S
	Frame rate	50-60Hz
	Refresh rate	3840Hz-7680Hz
	Drive mode	Constant current
	Grayscale	14bits - 16bits
Control system	Control method	Ethernet port
	Control the distance	Cat5e Unshielded Twisted Pai
	Signal input	HDMI,DVI
	Brightness adjust	Manual/automatic/remote control
Operational parameters	Continuous working hours	≥ 5000hrs
	Mean time between failures	≥ 5000hrs
	Discrete out-of-control points	0 before shipping
	Continuous runaway points	0
	Blind spot rate	0 before shipping
	Screen temperature rise	≤ 65℃
Usage parameters	Typical life values	50000hrs
	Lamp temperature	≤60°
	Operating temperature	-10°~50°
	Storage temperature	-20°~50°

	Operating humidity	10~65%RH no condensation
	Storage humidity	10~65%RH no condensation
Protection	Protection level	IP65
Certification	CE/FCC/ROHS/ISO	/

Reference pictures:

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