



Advertising Series

KING Outdoor LED display

Product presentation



Key Features

Advertising Semi Enclosed High Brightness Outdoor

- Built with die-cast magnesium alloy for enhanced strength and durability
- Dual quick-lock mechanism enables fast and easy installation
- Suitable for both rental applications and permanent setups
- Designed for outdoor use with IP65 protection rating
- Delivers high contrast and a superior refresh rate.
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Rapid Locking System for Fast Installation

The cabinet is equipped with two precision engineered quick-lock mechanisms, positioned on the top and left side, allowing accurate alignment and secure connection between panels. This system enables tool-free assembly, reduces installation time, and ensures structural stability even in large-scale setups.



Design hidden

Integrated Hidden Cable Routing System

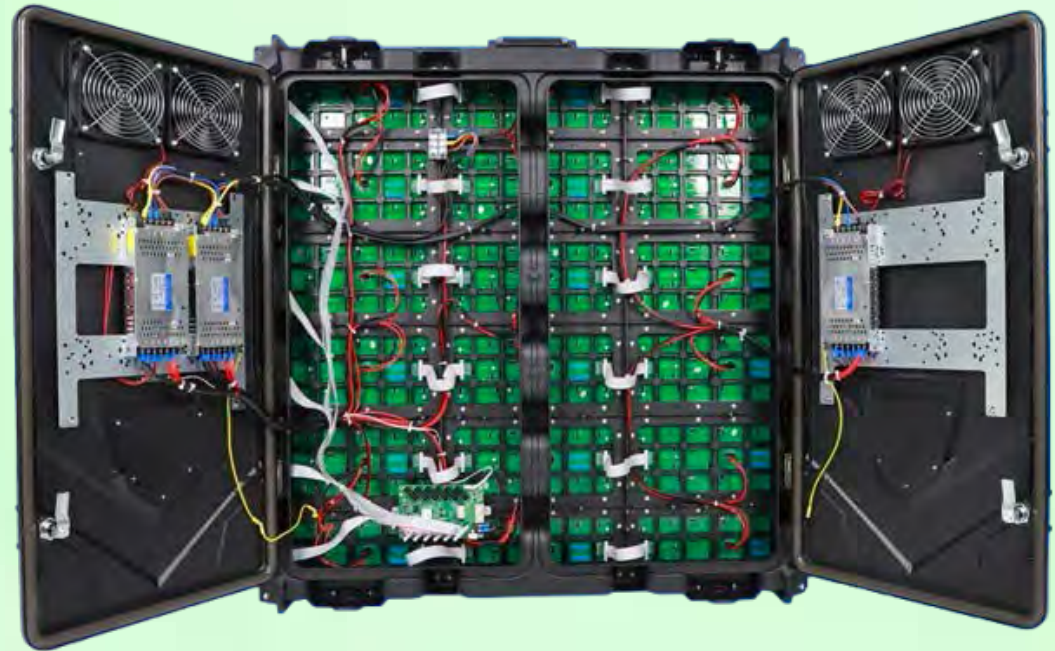
Signal and power cables are internally routed through dedicated side cable channels, keeping all connections concealed within the cabinet structure. This design enhances overall aesthetics, protects cables from external damage, and ensures a cleaner, more reliable installation for both fixed and rental applications.



Back cover openable

Advanced Rear-Service Engineering

Designed for high-efficiency maintenance, the integrated openable back cover provides direct access to internal components. Its ultra-compact structure ensures a perfectly flush, no-gap alignment for a continuous LED canvas.



Superior Thermal Management

Active Quad-Fan Heat Dissipation

Maximize operational stability with our integrated cooling solution. Equipped with four industrial-grade high-speed fans, the cabinet provides optimized internal airflow. This active thermal regulation prevents overheating, ensuring consistent brightness and color uniformity.



Ultimate Weather Resistance: IP65 Rated

Industrial-Grade IP65 Enclosure

The cabinet is built with a robust hermetic seal, providing comprehensive dust-tight and water-resistant protection (IP65). Designed for high-end outdoor service, it guarantees long-term durability and component safety in high-humidity or high-particle environments.

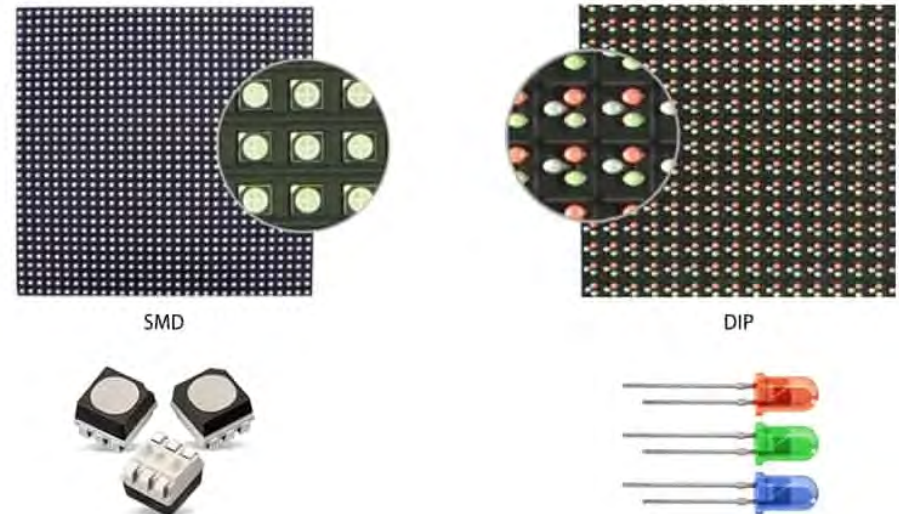


SMD OR DIP

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SMD (3-in-1): High-resolution clarity and wide viewing angles for superior visual quality.

DIP (1R1G1B): Maximum brightness and UV resistance for high-impact outdoor durability.



Application overview



Specifications and parameters

Category	Technical Parameter	P8	P10
Resolution & Pixel	Pixel Pitch / Configuration	8 mm SMD or DIP570	10 mm SMD or DIP570
	Pixel Matrix (per panel)	120 x 120 pixels	96 x 96 pixels
	Pixel Density (pixels/sq.m.)	15625	10000
Physical Specs	Cabinet & Module Size (mm)	960x960x113 / 320x160	960x960x113 / 320x160
	Panel Material & Weight	Die-casting Alum. / 36kg	Die-casting Alum. / 36kg
	IP Rating (Front/Rear)	IP65 / IP65	IP65 / IP65
Visual Quality	Brightness SMD / DIP	4000-6000 / 6000-10000 nit	4000-6000 / 6000-10000 nit
	Refresh rate	1920hz / 3840hz	1920/ 3840hz
	Gray Scale / Driving Type	14-16 bit / 1/5 Scan	14-16 bit / 1/5 Scan
	Viewing Angle (H / V)	110° / 55°	110° / 55°
Power & Efficiency	AC Input (Voltage / Freq.)	100-240V / 50Hz	100-240V / 50Hz
	Power Consumption (Max/Typ)	550 / 185 W/m ²	550 / 185 W/m ²
Operation	Operating Temp. & Humidity	-20~50°C / 10~90% RH	-20~50°C / 10~90% RH
	Signal Distance (CAT5/Fiber)	<100m / <10km	<100m / <10km
	Typical Lifetime (hours)	100000	100000



LEDEx

The logo features the word "LEDEx" in a bold, sans-serif font. The letters "LEDEx" are white, while the "X" is a vibrant blue. The logo is centered within a grey, angular, shield-like shape that has green triangular accents on its left and right sides. The background is a collage of three images: a dark night scene with a tree of lights on the left, a sunset sky with clouds on the top right, and an industrial facility with a crane and ships at night on the bottom right.