CREATELED®

AirCURTAIN-Pro

High-Performance Outdoor LED Display

Energy-saving and Eco-friendly, Ultra-Slim and Lightweight

Electromagnetic Interference (EMI) Shielding

Easy to Install and Maintain

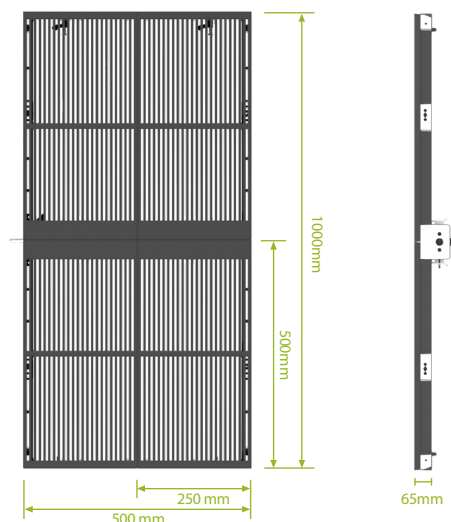Ultra-High Light Transmittance

IP65 Protection Rating

LIGHT WEIGHT | LOW ENERGY | CONTRAST | NO NOISE | EASY INSTALL

Ultra-Light and Ultra-Thin Design

- 40% lighter than traditional cabinets.
- 30% thinner design due to high-strength aluminum alloy compared to conventional materials.
- Optimized advanced cooling design effectively protects module circuits.

Modular Design for Easy Maintenance and Quick Installation

- High-precision seamless splicing, integrated module design, allowing for simple module replacement or repair.
- Power and data cables feature plug-and-play design for quick installation and easy maintenance.
- Suitable for various installation methods such as hanging, fixed mounting, and stacking.

1000mm
500mm
250 mm
500 mm
65mm

High Definition, High Brightness, High Transmittance

- Minimum pixel pitch of 3.9mm, ensuring clear and detailed images.
- High transmittance, with a transparency rate of ≥40%, slim and attractive.
- Translucent and ventilated, enabling harmonious coexistence of outdoor ads and indoor lighting without blocking the view.
- 5000 nits high brightness suitable for both outdoor and indoor use, clear display even under strong daylight.

Comprehensive Protection, Energy-saving and Eco-friendly

- Features IP65 rating for effective water and dust resistance.
- Unique electromagnetic interference shielding feature.
- Energy saving with a minimal average power consumption of 172W/m²

AirCURTAIN-Pro

AirCURTAIN-Pro / Specifications

AirCURTAIN-Pro(Outdoor)	AirCURTAIN-Pro 3.9-7.8MM	AirCURTAIN-Pro 5.2-10.4MM
Physical Pitch	3.9-7.8mm	5.2-10.4mm
Pixel Configuration	SMD	SMD
Pixel Density	32,768 pixels/m^2 16,384 pixels/panel	18432 pixels/m^2 8,216 pixels/panel
LED Module Dimensions (mm)	250 × 500	250 × 500
Panel Dimensions (W × H × D) (mm)	1000 × 500 × 65	1000 × 500 × 65
No. of Modules Per Panel (W × H)	2 × 2	2 × 2
Physical Resolution of Module (W × H)	256 × 64	96 × 24
Physical Resolution of Panel (W × H)	512 × 128	192 × 48
Weight Per Panel	8.0±0.3 kg/panel	5.5 kg/panel
Weight Per m^2	16±0.6 kg/m^2	11 kg/m^2
Cabinet Material	Aluminum Diecasting	Aluminum Diecasting
Max Stacking	16 panels	16 panels
Max Hanging	16 panels	16 panels
Light Transmittance	≥40%	≥40%
Servicing	Back	Back
IP Rating	IP 65	IP 65
Brightness (after Cal.)	≥5,000nits	≥4500nits
Refresh Rate	3,840Hz	3,840Hz
Horizontal Viewing Angle	140°	160°
Vertical Viewing Angle	120°	160°
Processing	14-16 bit	16 bit
Colours	281 trillion	281 trillion
Contrast Ratio	3,000 : 1	3,000 : 1
Average Power Consumption (Before Cal.)	216 w/m^2	200 w/m^2
Max Power Consumption	720 w/m^2	800 w/m^2
Operating Temp/Humidity	-20 ~ 50 ℃/ 10% ~ 90%	-10 ~ 40 ℃/ 10% ~ 80%
Storage Temp/Humidity	-30 ~ 60 ℃/ 10% ~ 95%	-20 ~ 60 ℃/ 10% ~ 85%
Expected LED Lifetime (Max)	100,000 Hrs	100,000 Hrs
Certification	CE*, EMC ClassA*,ETL*, RoHS*,CCC*	CE*, EMC ClassA*,ETL*, RoHS*,CCC*

*Notes: The Specifications are for reference; actual values may vary.
Shenzhen CreateLED Electronics Co.,Ltd reserves the right to modify product design, specifications,
and parameters without further notice.

Application Fields

- Car show
- Concert
- Station
- Events
- House of Worship
- Showroom
- Corporate
- DOOH
- Window display
- School
- Shopping mall
- Stadium

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