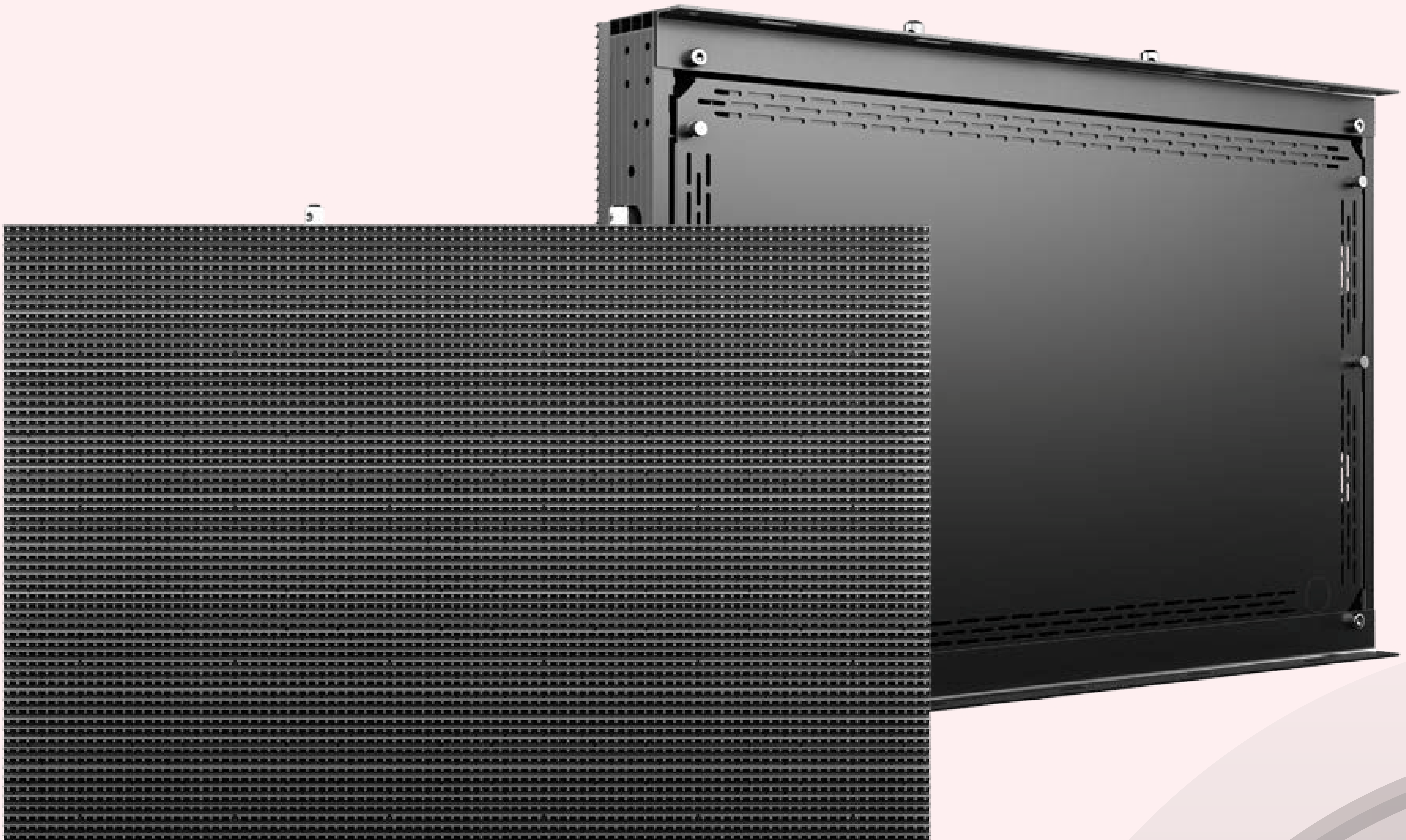


Adapto



Adaptable Outdoor LED Platform

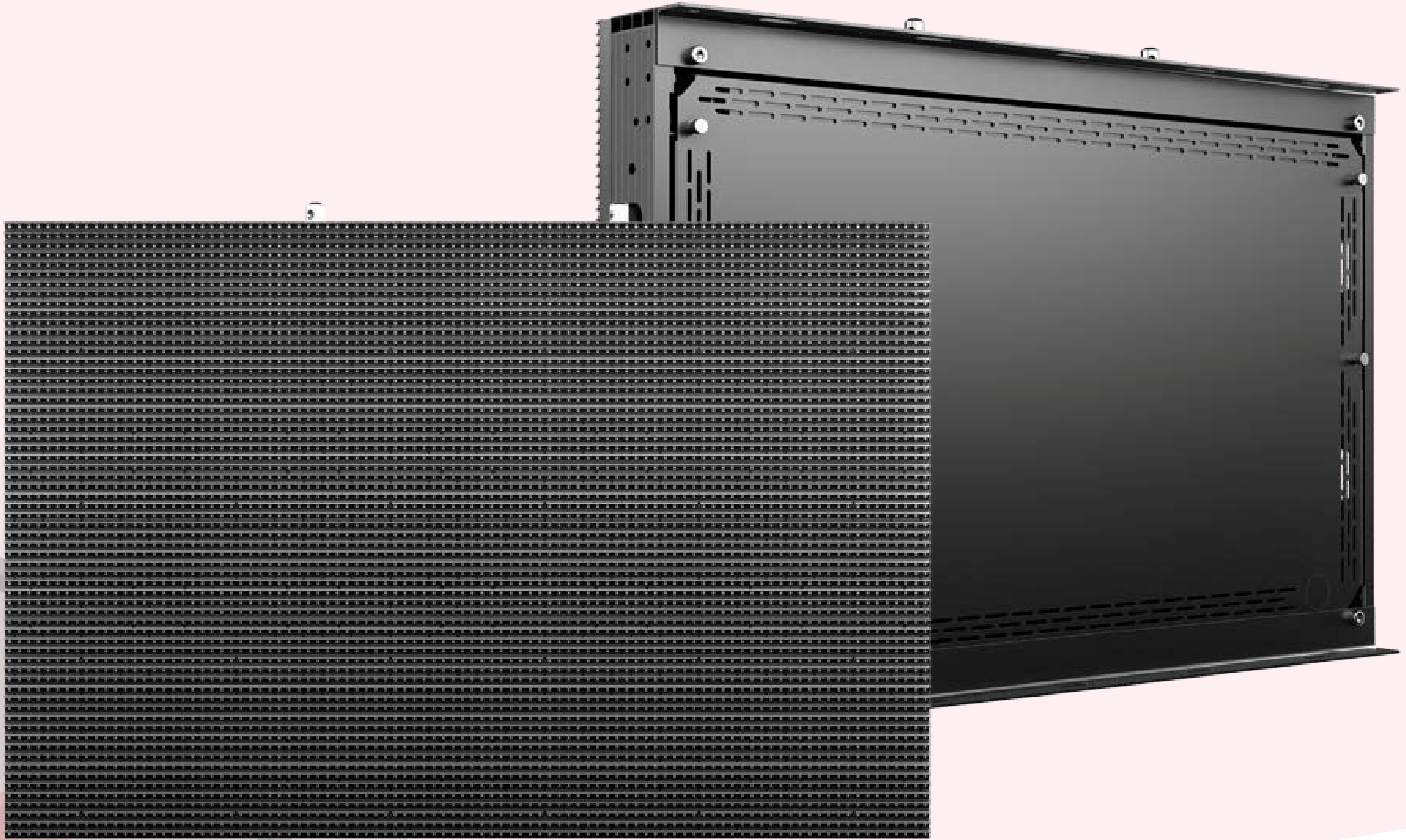


The perfect LED solution for:

Hospitality | Schools | Sports Stadiums |
Entertainment Venues | Retail | Manufacturing

Adapto is an adaptable outdoor LED display platform

With sealed, IP68-rated cable-connected modules, Adapto separates structure from electronics, enabling flexible frame designs and seamless integration into diverse installation structures, without compromising reliability or ease of maintenance.



3840Hz+
Refresh Rate

100-200W/m²
Avg. Power Consumption

10,000 Nits+
Brightness

Cloud-based
Monitoring &
Diagnostics

26,000:1+
Contrast Ratio

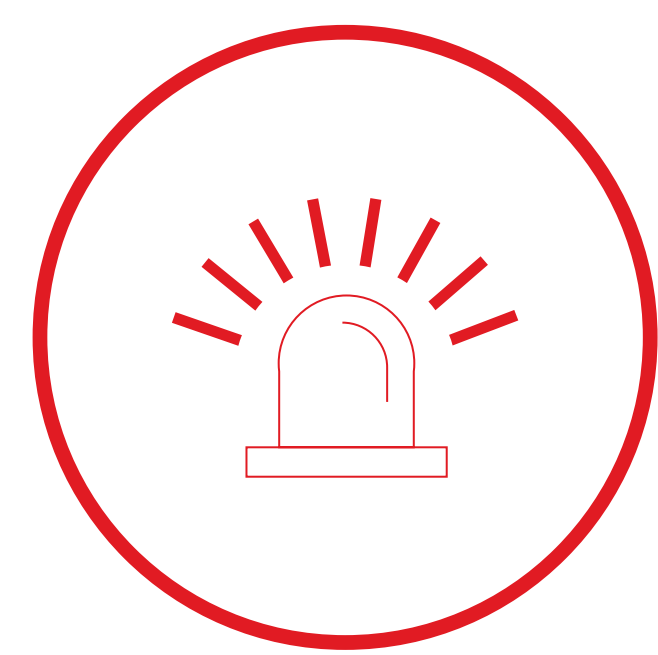
IP68-rated
waterproof

Lightweight & Refined
structure

1+1
Redundancy PSU

3 Visual Excellence

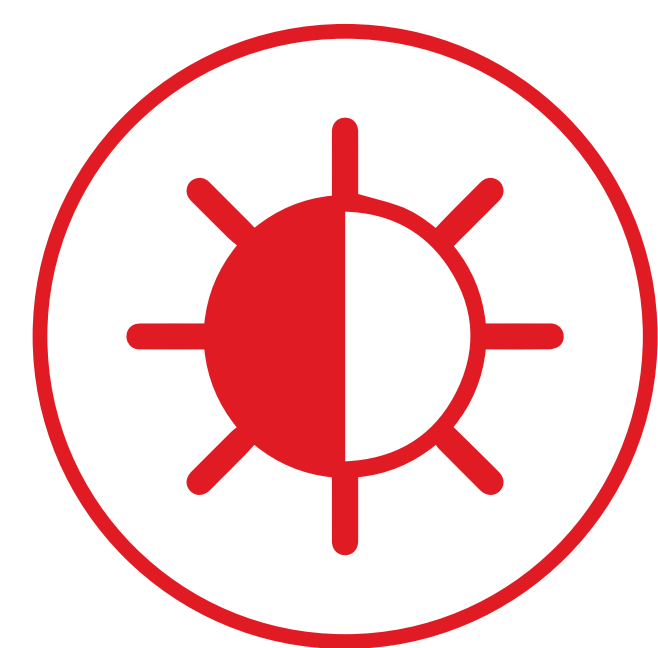
Adapto combines ultra-bright LEDs, high-refresh driver ICs, and a precision-engineered mask with extended louvers and a matte black anti-glare finish. This synergy ensures peak performance across three essential visual dimensions:



10,000+ nits brightness



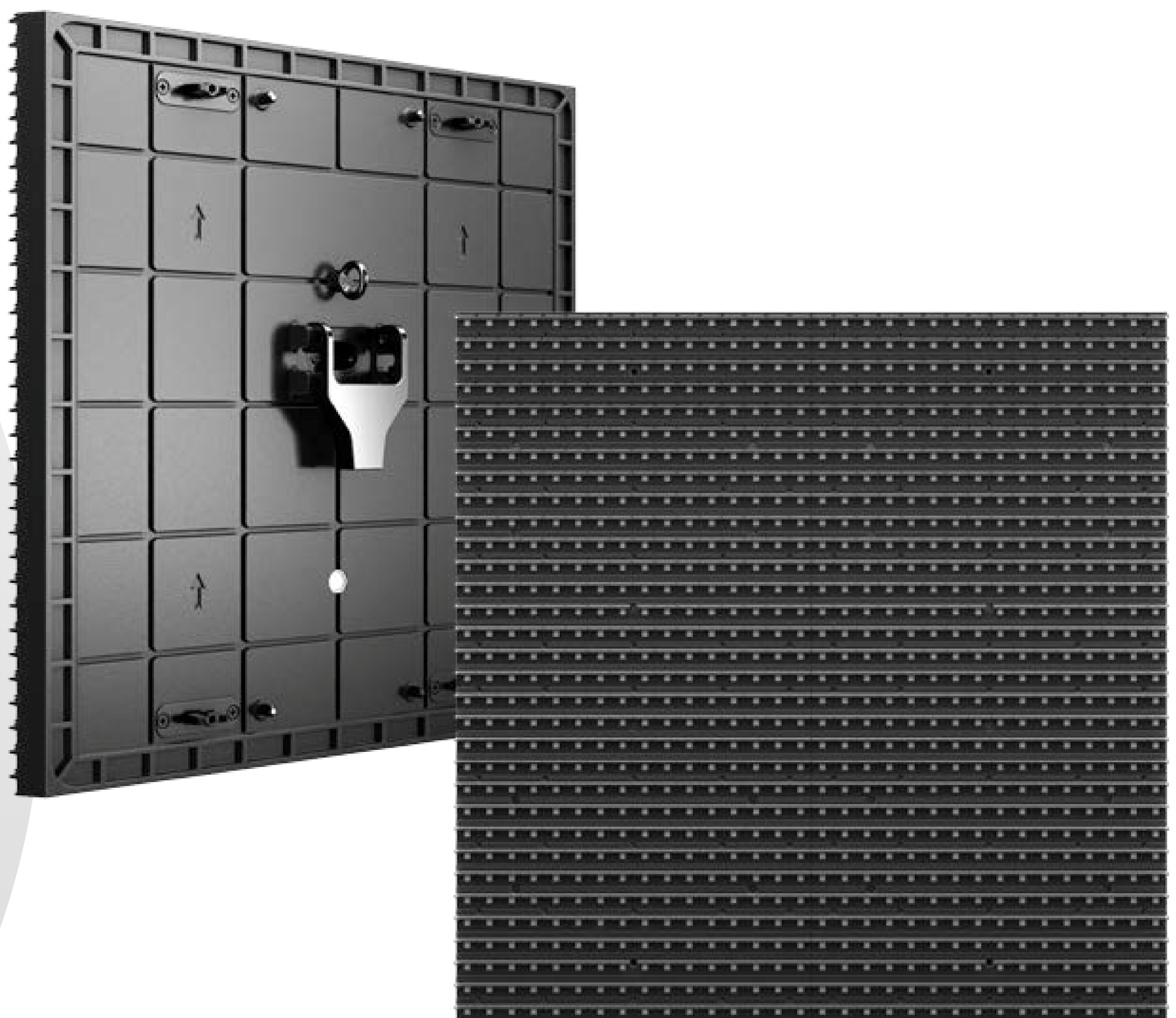
3840Hz+ refresh rate



26,000:1+ contrast ratio

Sunlight-Blocking Louvers

Extended louvers shield the LEDs from direct sunlight—enhancing contrast and maintaining clarity even in bright outdoor environments.



0 Compromise Experience

Every detail on the Adapto screen stays vibrant, sharp, and fluid—even under direct sunlight. Whether viewed up close or from a distance, your content remains crystal-clear and visually compelling at all times.



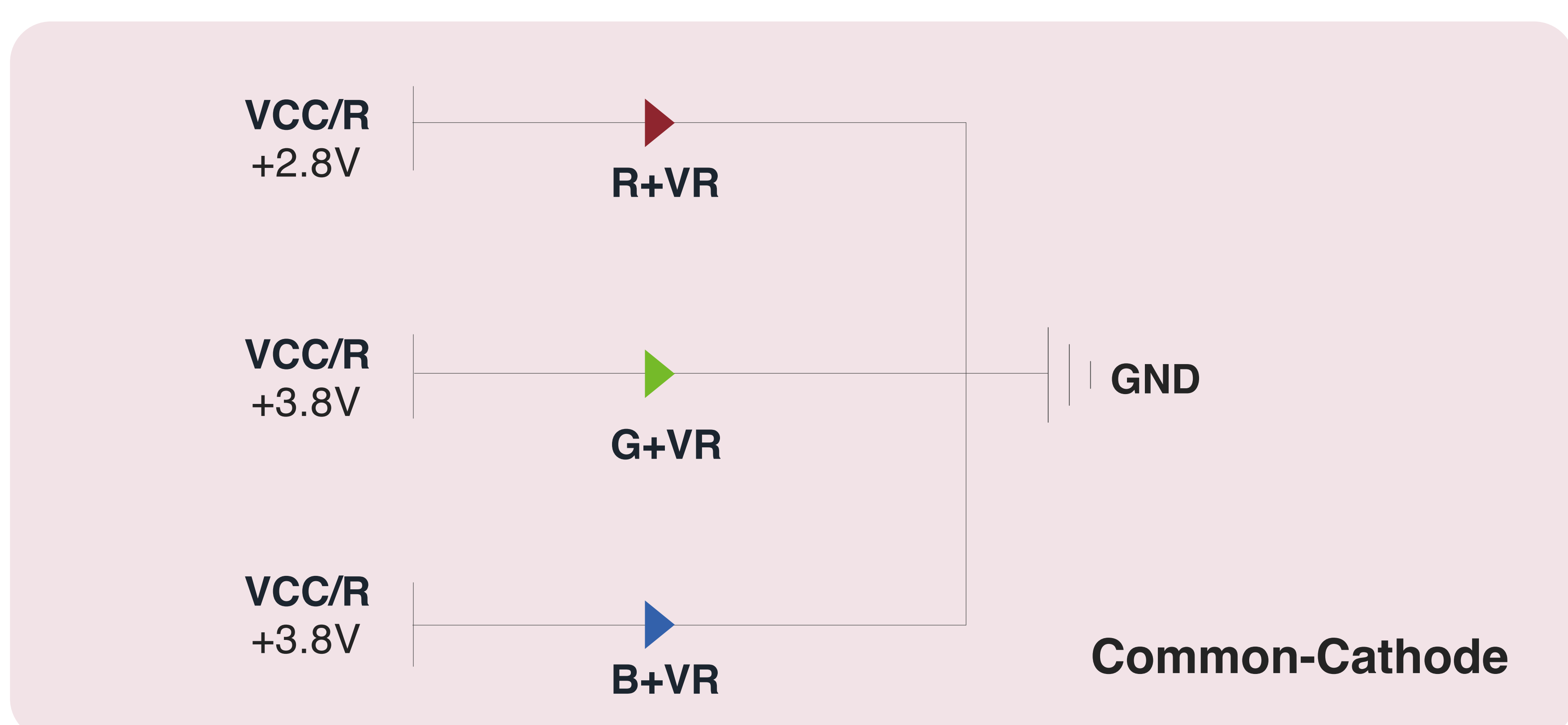
Energy-Saving by Design

By combining a series of intelligent circuit designs, advanced materials, and smart control technologies, Adapto significantly reduces power consumption while maintaining top-tier brightness and performance.



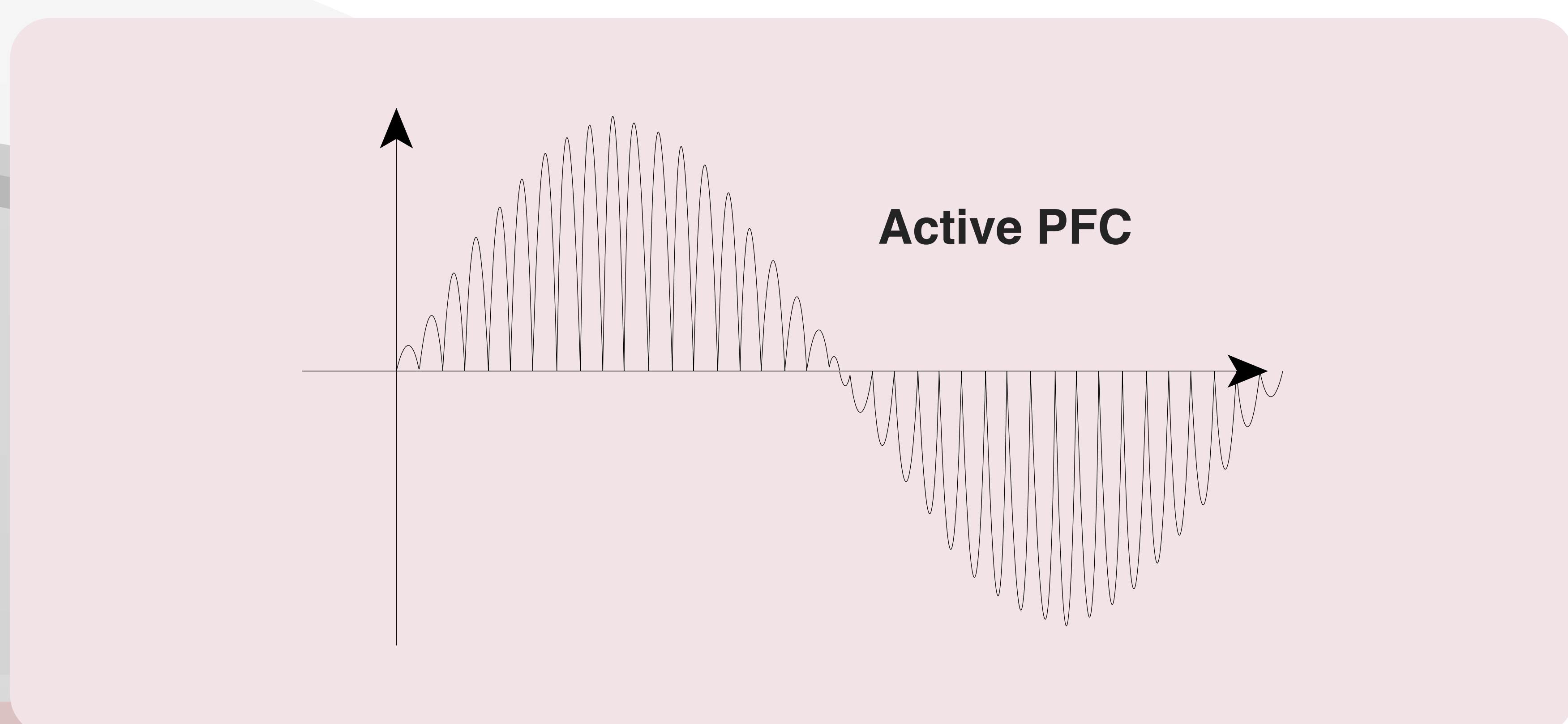
High-Efficiency LEDs

Large-chip LEDs combined with precision lens optics maximize brightness output while minimizing power consumption.



Common Cathode Driving

Independent voltage supply for red, green, and blue LEDs based on their actual voltage needs—reduces energy loss by 20%–40%.



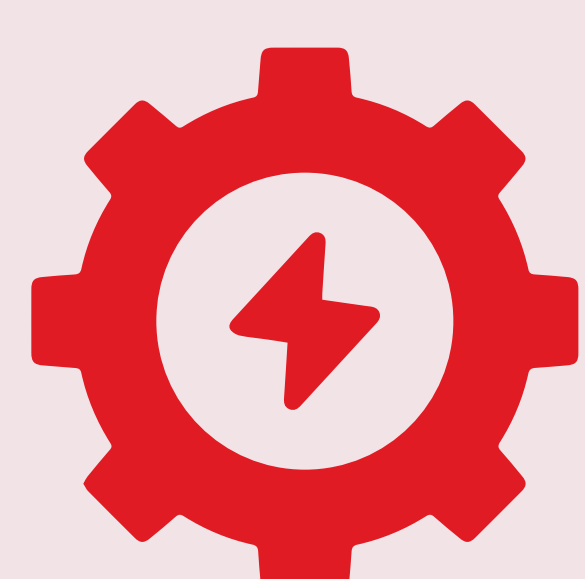
High-Efficiency Power Supplies

Power supplies with >90% conversion efficiency and active PFC (Power Factor ≥ 0.98) significantly reduce energy waste.



Automatic Brightness Adjustment

Built-in light sensors dynamically adapt screen brightness to surrounding light conditions, ensuring optimal visibility without overconsumption.



Cloud-Based Energy Management

Scheduled on/off & brightness settings, and real-time adjustment—ensuring intelligent and efficient energy use.

Energy-Saving by Numbers

Based on the U.S. 2024 average commercial electricity rate of \$0.16/kWh
14' x 48' Double-Sided Billboard | 10,000 nits Brightness | 24/7 Operation.

With March II, you can achieve up to 56% energy savings, without compromising brightness or visibility.



	Regular SMD	March II	Cost Saved
Daily Coast	\$115	\$50	\$65
Monthly Cost	\$3,450	\$1,510	\$1,940
Annual Cost	\$41,978	\$18,374	\$23,604
10-Year Cost	\$419,786	\$183,741	\$236,045

Value Beyond the Numbers



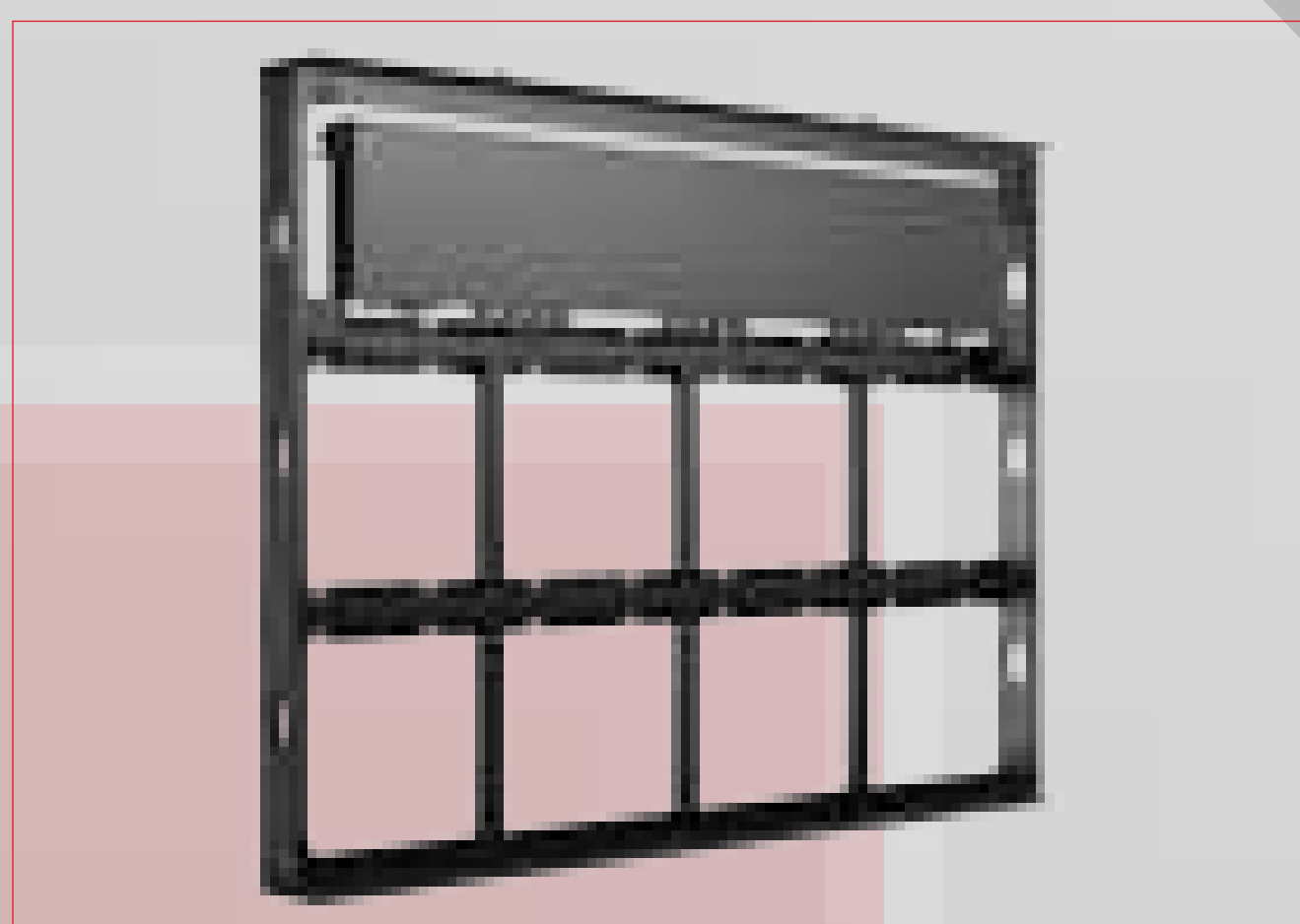
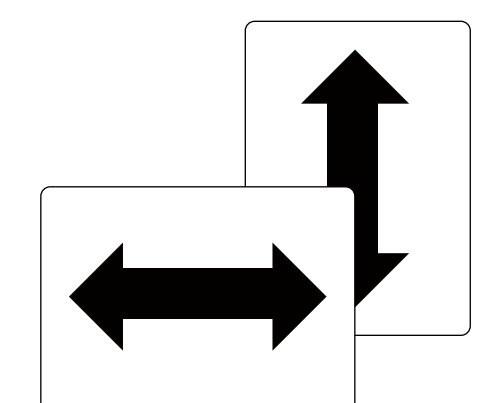
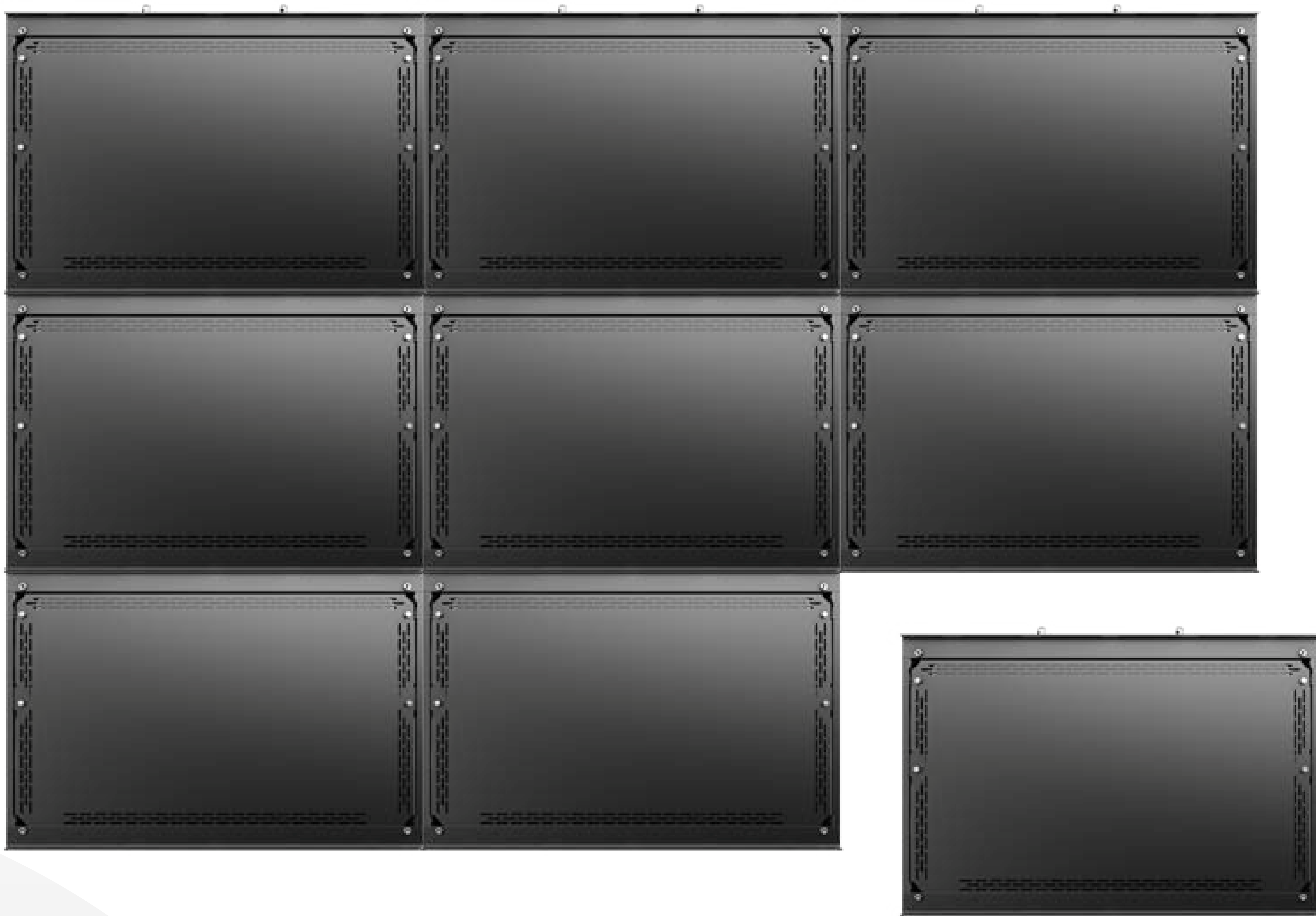
Lower heat means more than just energy savings. It leads to enhanced product reliability, longer lifespan, and fewer failures—translating into reduced maintenance needs and higher customer satisfaction. For your business, that means smoother operations, lower total cost of ownership, and long-term peace of mind.



Quick & Seamless Installation

Engineered for Efficiency and Precision

Adapto features a clean, practical, and thoughtfully engineered structure that makes display installation intuitive and hassle-free—perfectly aligned with supporting frameworks.



Lightweight & Robust Cabinet Frame

Designed for structural stability and effortless handling



Quick-Connect, Weather-Proof Power & Signal Connectors

Ensure fast, secure, and reliable setup in all environments



Removable Protective Cover

Provides reliable protection against outdoor elements.
Recommended for installations with exposed rear access.

Front & Rear Access

Maximized Convenience, Minimized Downtime

Adapto is designed for effortless maintenance—from both front and rear sides. Whether it's a module, power unit, or any other component, everything can be easily accessed and replaced onsite, ensuring quick service and minimal display downtime.

Front Access



Rear Access



Smart Design, Effortless Maintenance



Rotate 90° counterclockwise a crisp “click” confirms release.



Lift to release, press to lock.



A neat, intuitive control box layout with reliable quick-connects.

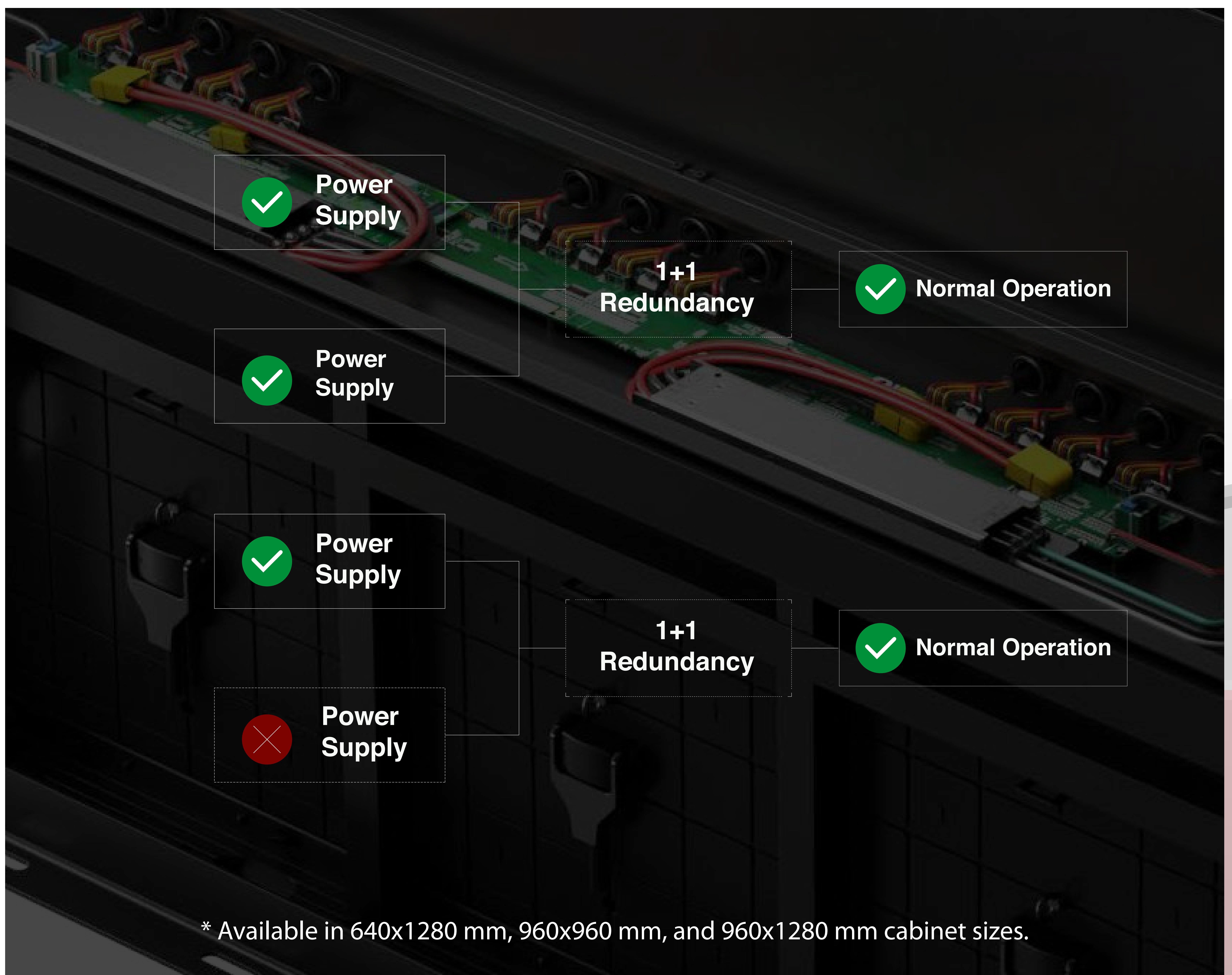


Tool-free removal of the entire power box.

Dual Power. Zero Downtime.

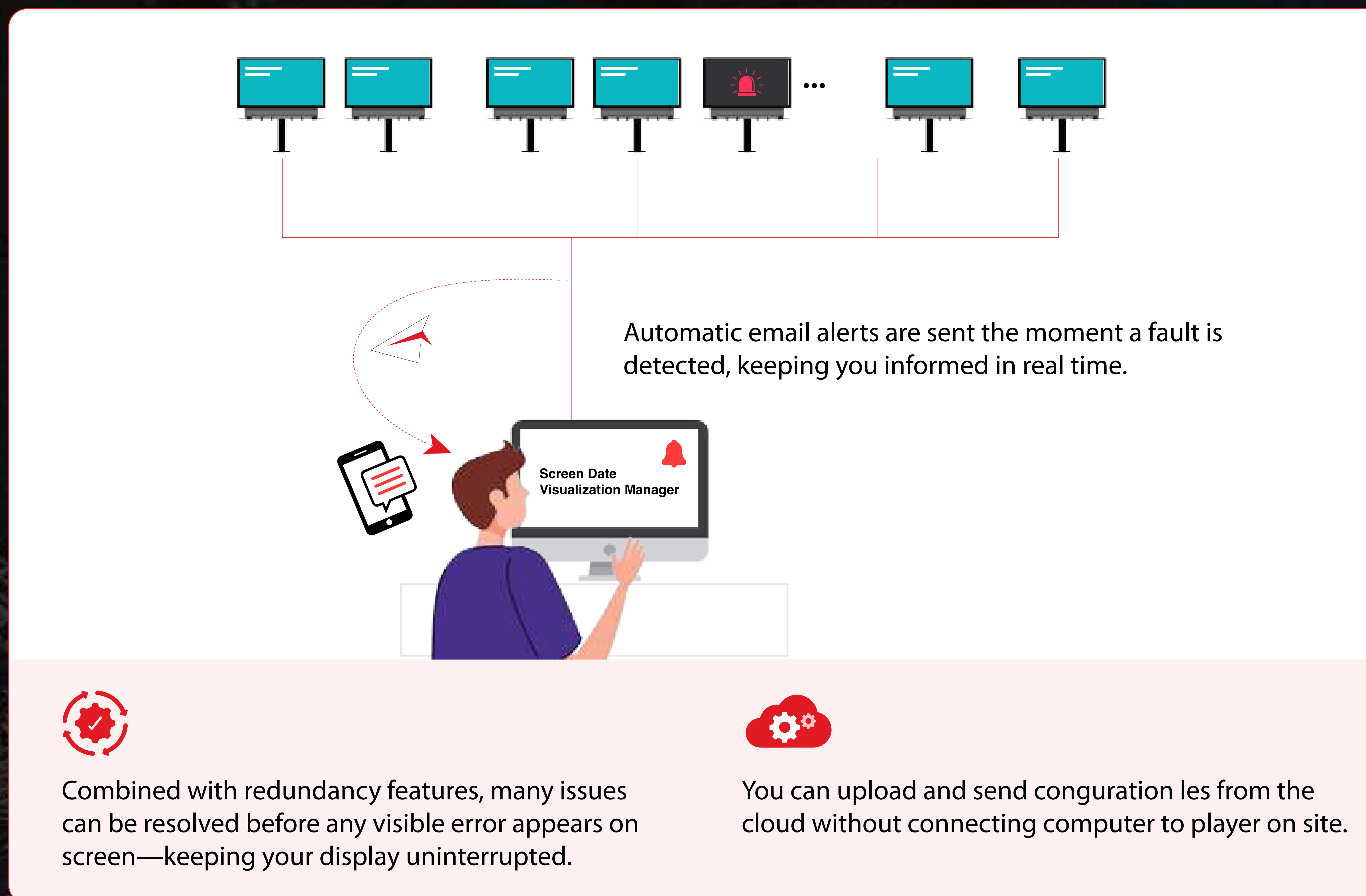
With Adapto's dual power redundancy design, the display never goes dark. Two intelligent power modules share the load during normal operation; if one fails, the other seamlessly takes over — ensuring uninterrupted performance 24/7.

Reliability isn't an option — it's built in.



Always On Watch – Monitoring & Diagnosis

Every Adapto unit comes with a powerful Monitoring & Diagnosis system—keeping you fully informed of your display's real-time status. In case of a malfunction, alerts are triggered and detailed diagnostics are available via a cloud platform for efficient troubleshooting and service planning.

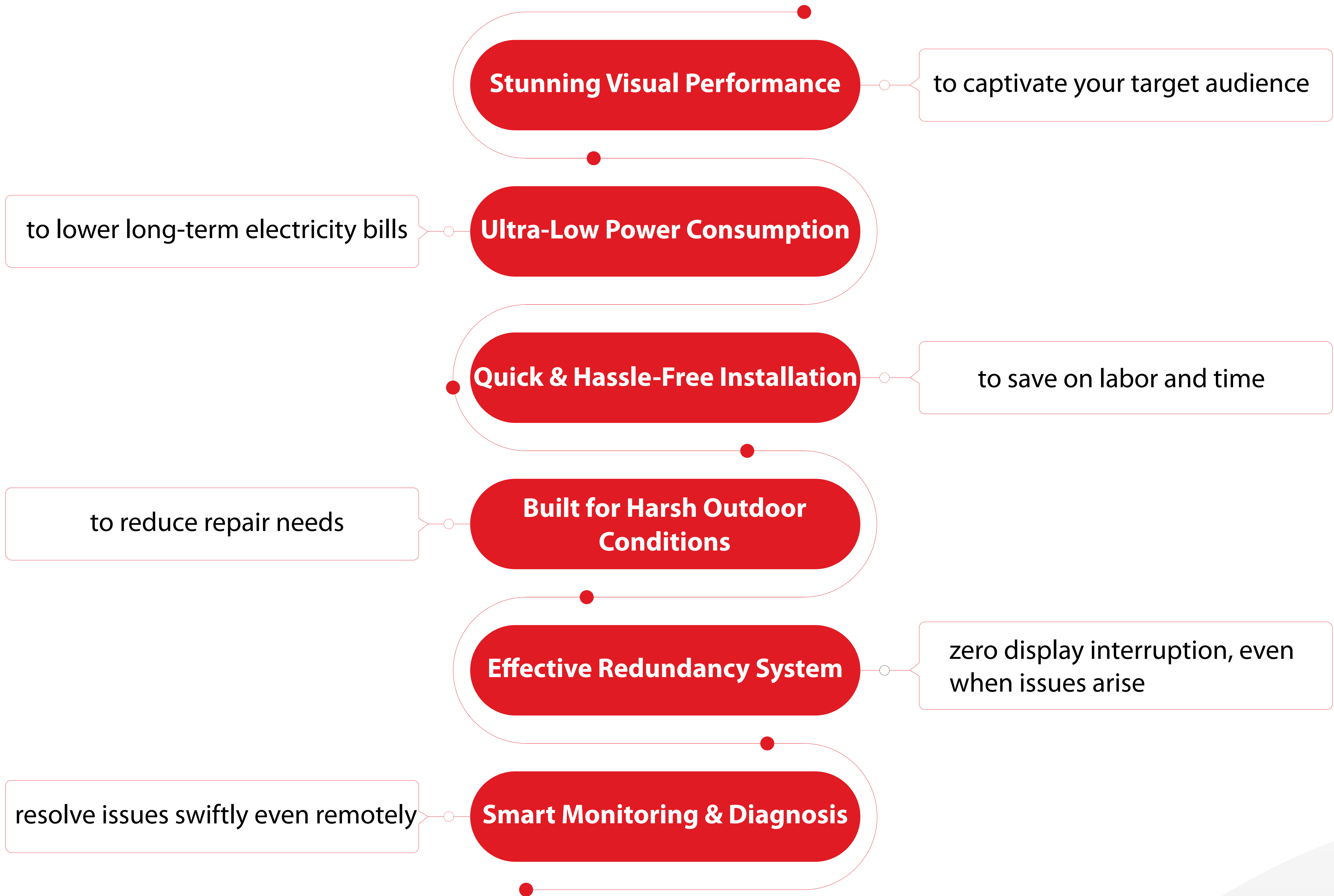


Calibration Memory Built In

Each module includes a smart chip that stores its original calibration data, ensuring consistent brightness and color when modules are replaced.

Maximize ROI, Minimize TCO

When designing Adapto, one guiding question stayed with us:
How can we maximize your long-term return?



If these are your priorities in a large-format outdoor LED displays, March II is your smartest investment.



Specifications

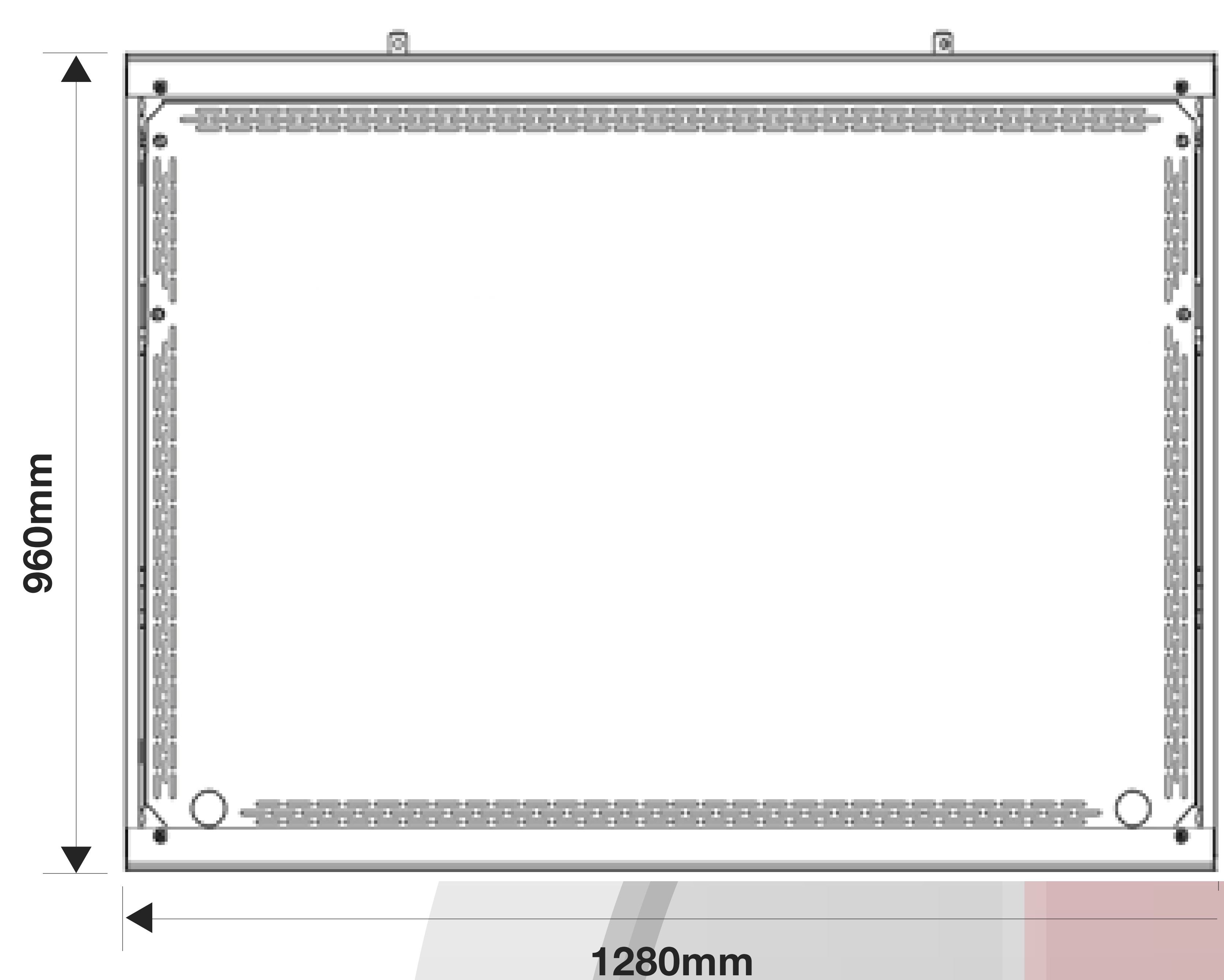
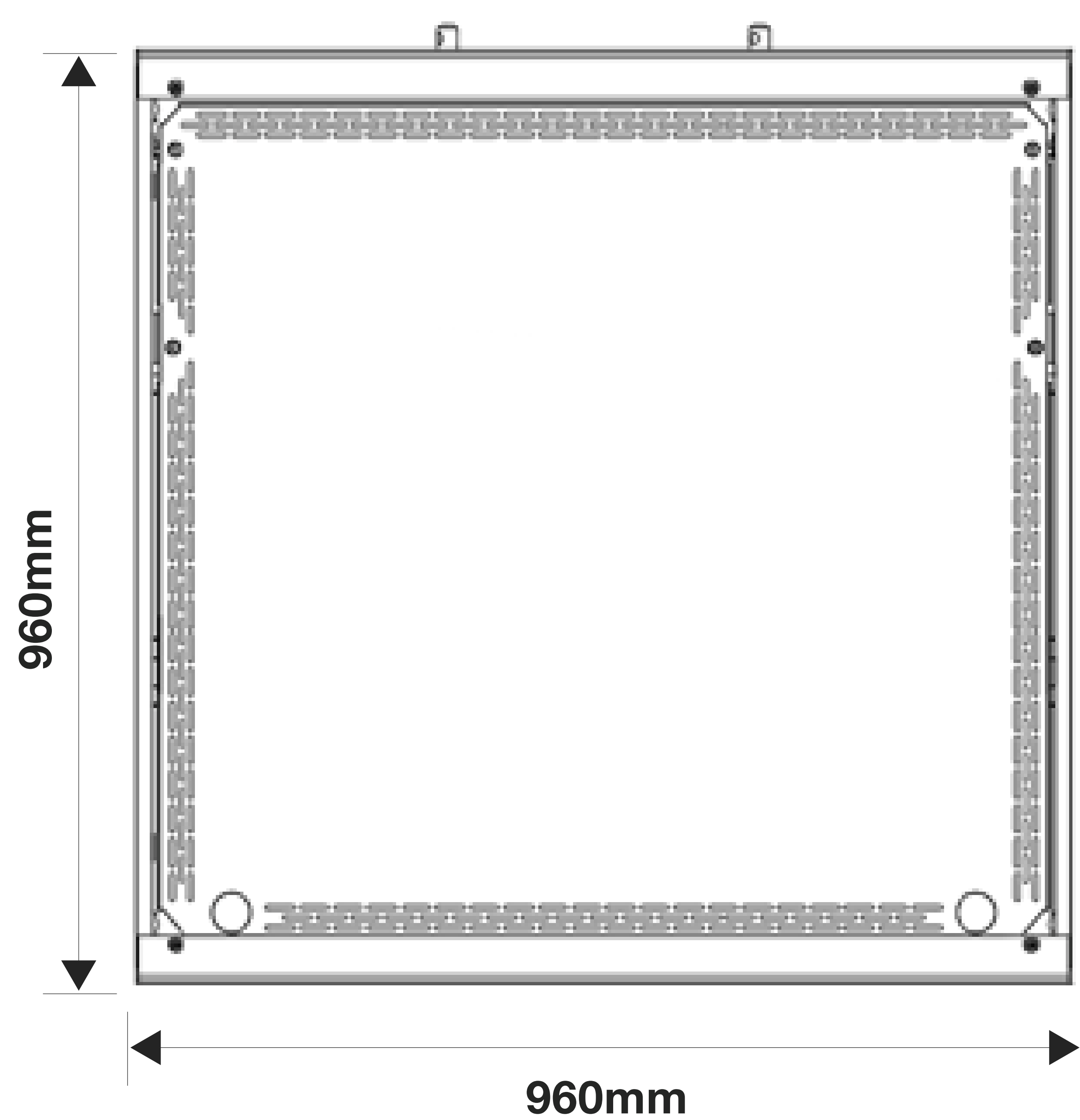
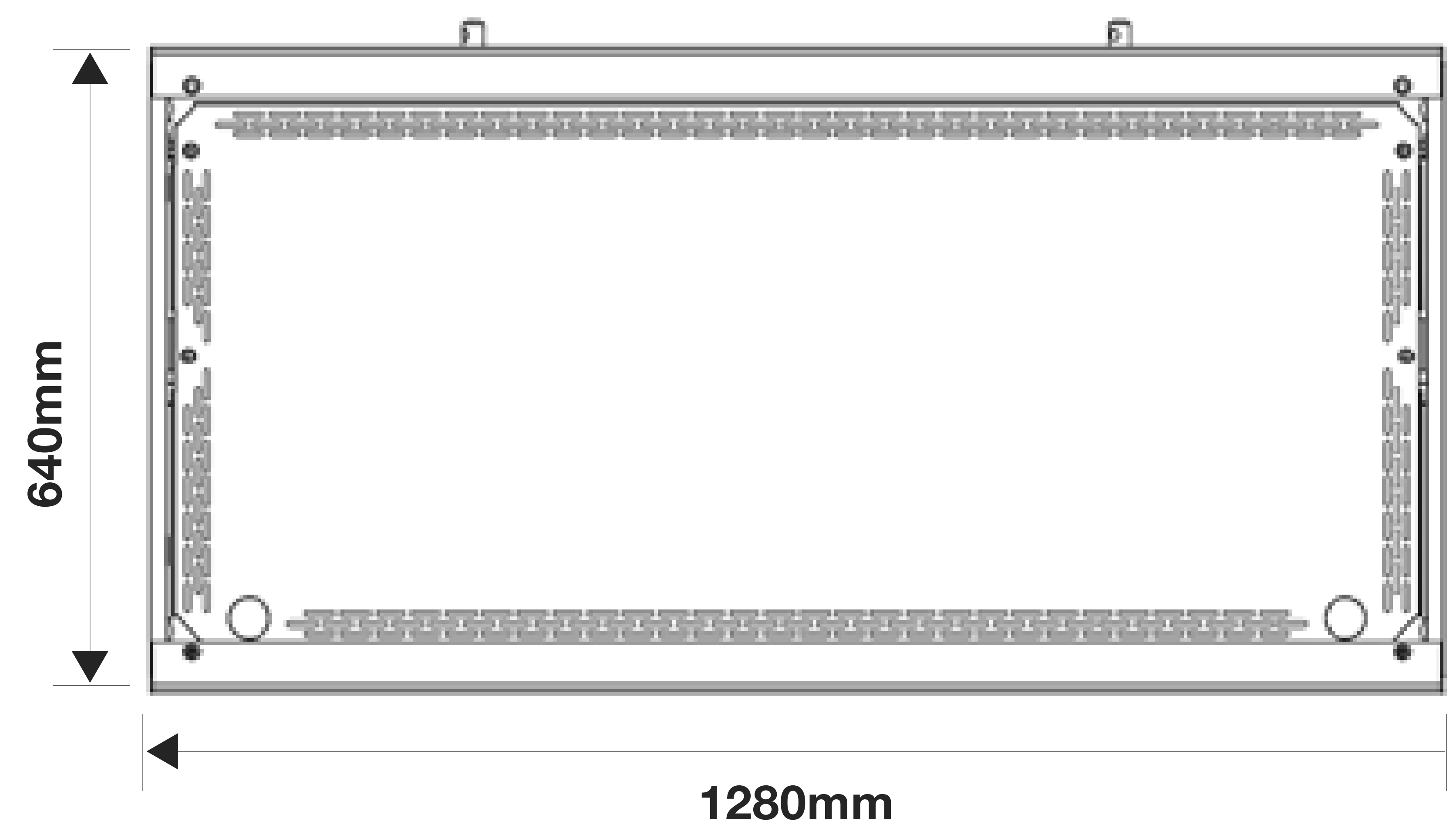
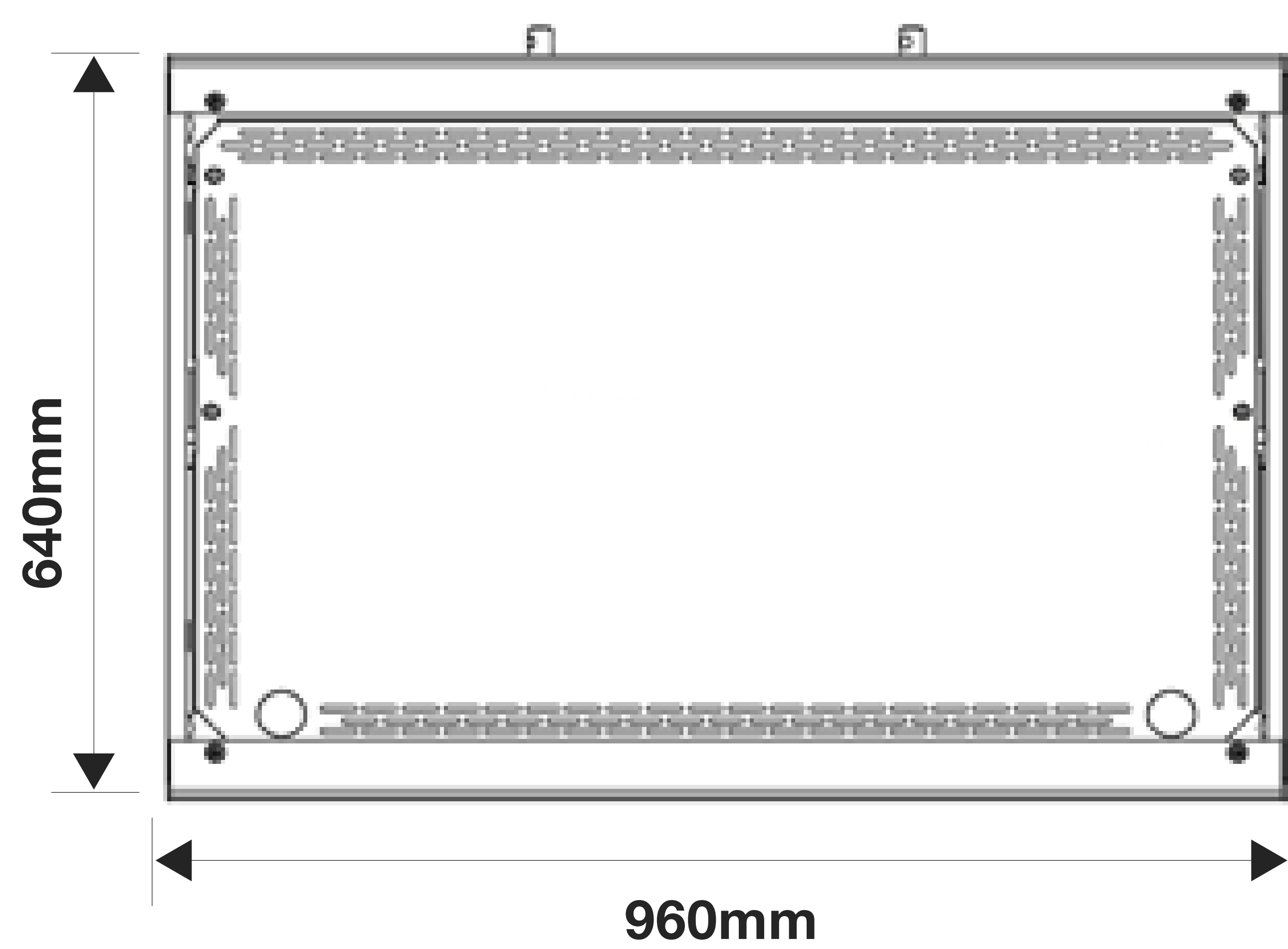
Pixel Pitch (Resolution)	6.67 mm	10 mm
LED Package Type	SMD+Lens	SMD+Lens
Pixels/m ² (Density)	22,500	10,000
Module Dimensions	12.6" x 12.6" (320mm x 320mm)	12.6" x 12.6" (320mm x 320mm)
Module Matrix	48x48	32x32
Module Weight	3.3LB (1.5KG)	3.3LB (1.5KG)
Driving Method	1/6 constant current	1/2 constant current
Refresh Rate	≥3,840 Hz	≥3,840 Hz
Video Frame Rate	60 frames/second	60 frames/second
Grayscale	65,536 (281 trillion colors)	65,536 (281 trillion colors)
Color Depth	16 bit	16 bit
Contrast Ratio	26,000 : 1	26,000 : 1
Brightness	≥10,000 NITS	≥10,000 NITS
Brightness Control	256 levels	256 levels
Ideal Viewing Range	18' or greater	28' or greater
Ideal Viewing Angle	120°(H) / 100°(V)	120°(H) / 100°(V)
Max. Power Consumption	54W/ft ² (580W/m ²)	54W/ft ² (580W/m ²)
Avg. Power Consumption	18W/ft ² (195W/m ²)	18W/ft ² (195W/m ²)
Input Voltage	90 - 264VAC	90 - 264VAC
Ingress Protection	IP65	IP65
Operating Temperature	-40°F - +140°F (-40 °C - +60 °C)	-40°F - +140°F (-40 °C - +60 °C)
MTBF	>5,000 hours	>5,000 hours
LED Life - Span	100,000 hours	100,000 hours
Cabinet Material	Aluminum Extrusion	Aluminum Extrusion
Cabinet Weight	6.2LB/ft ² (30KG/m ²)	6.2LB/ft ² (30KG/m ²)
Cabinet Size	640x960x100mm; 640x1280x100mm; 960x960x100mm; 960x1280x100mm	

* Specifications are based on standard March II configurations and are subject to change without prior notice.

4 Standard Cabinet Sizes

Versatility for Any Large-Format Display

Adapto comes in 4 fundamental cabinet sizes, designed to meet the full spectrum of dimensional needs for large-format flat outdoor LED displays.



Any Size, Any Application

Adapto is an all-purpose outdoor display solution designed for every fixed-installation scenario - from on-premise signs and digital billboards to video scoreboards and vehicle-mounted displays.





Global Partnership Wanted

Adapto is designed for the global large-format outdoor LED display market. Its universal frame supports all pixel pitches, allowing module and frame inventory to be managed separately—significantly reducing backup investment. When upgrading, you can retain the original frame and simply replace the modules, extending product lifecycle and enhancing ROI.

UNITED SIGNS is now actively seeking international distributors to bring the Adapto series and our cutting-edge outdoor display technologies to broader markets. Backed by industry-leading innovation, robust manufacturing, and comprehensive partner support, we offer not just a product—but a strategic opportunity for long-term business success.

U.S. Inventory Support

For the U.S. market, UNITED SIGNS maintains a dedicated inventory to minimize your purchasing cost and ensure convenient domestic delivery.



We welcome you to explore dealership opportunities. Let's grow together!

FCC INTERFERENCE STATEMENT

Federal Communications Commission Interference Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.