



Heavy-Duty Outdoor Steel Structure



3000 mm



4000 mm



6000 mm

2000 mm

3000 mm

3000 mm



P3



P4



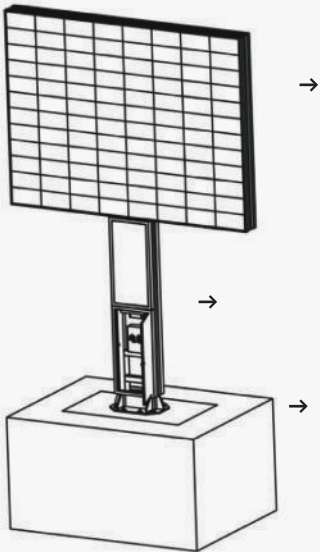
P6

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Foundation & Support System for Large-Scale LED Billboards

The Heavy-Duty Outdoor Steel Structure is a professionally engineered support system designed for large-format outdoor LED billboards, including the AeroSquare Front (ASF) and BaseLine (BS) series.

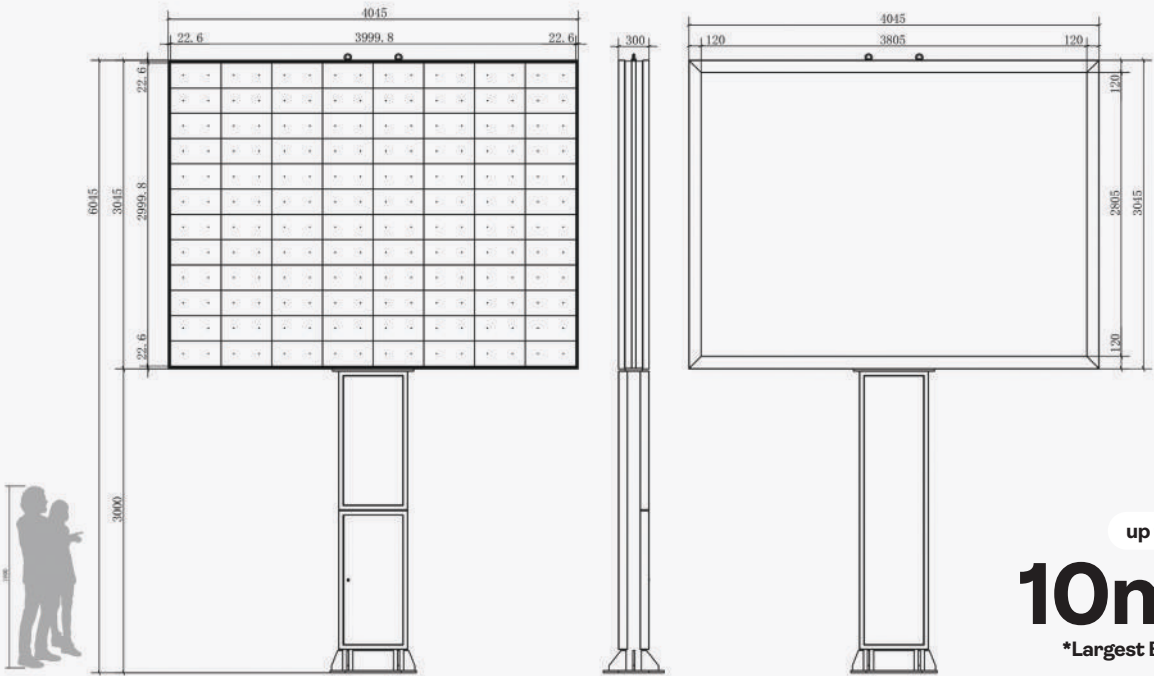
Built for structural stability, wind resistance, and long-term outdoor performance, this system includes reinforced steel columns, foundation integration, and a precision-engineered mounting frame to ensure maximum safety and durability in demanding environments.



Support Steel Structure

Technical data

4000 x 3000 mm



up to

10m

*Largest Built



High-precision Steel Structure

Engineered for extended use, with operational lifetimes of up to 100,000 hours.



Long Service Life

Engineered for extended use, with operational lifetimes of up to 100,000 hours.



Long Service Life

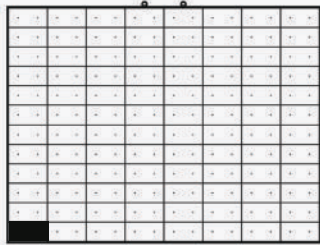
Engineered for extended use, with operational lifetimes of up to 100,000 hours.

Wall-Mounted Structure

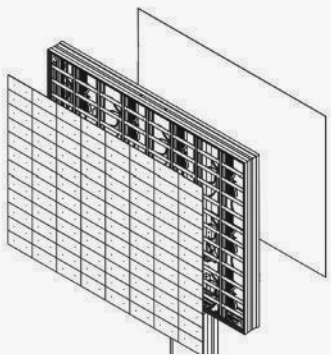
Engineering Approach

This is not a simple mounting kit — it is a dedicated structural support system engineered to handle the weight, wind load, and operational demands of professional outdoor LED displays.

All structural components are designed for long-term stability, ease of installation, and compatibility with modular LED cabinet systems.



Front Maintenance Design



40x40 mm T-channel aluminum structure, natural finish

0.5 mm steel back panel, electrostatic powder coating, screw fixation