

Outdoor LED Display Panel

This outdoor LED display features full-color red, green, and blue LEDs for vibrant visuals. With a 10.42mm pixel pitch and a 500mm x 500mm cabinet size, it delivers a resolution of 9216 dots.



Product Overview

Professional Outdoor LED Display Solution

This high-performance outdoor LED display is engineered for 24/7 operation, offering exceptional color fidelity and high brightness that remains clearly visible even in direct sunlight. Designed for reliability and ease of use, the system features modular construction for seamless installation and maintenance, along with advanced protection against environmental factors. It supports versatile content management, including text, graphics, and live video broadcasting, making it an ideal choice for advertising, events, and information signage.

Performance & Display

Supported Input Signals

- DVI
- HDMI
- 3G SDI
- HD SDI
- SD SDI

Pixel Pitch	10.42 mm
Operating Temperature	0°C - 55°C
Supported Display Modes	Text, Graphics, Images, Animations, Video, Live Broadcast

Technical Features

Environmental Protection

Dust-proof • Moisture-proof • Shock-proof • Anti-corrosion • Three-layer PCB Protection

Key Design Advantages

- Modular design for easy maintenance
- Fanless design for silent operation
- Seamless splicing (error within $\pm 0.1\text{mm}$)
- Supports synchronous and asynchronous control
- Distributed scanning technology

Reliability Metrics

0.1 mm

Splice Error Tolerance

24 hours/day

Operating Cycle