# Wholesale High Brightness display | Global Shipping & OEM Options

RisingStar Engineering Team - Apr 28, 2025

Standard screens lose their impact in bright outdoor, industrial, or high-glare environments. Only high brightness display technology delivers crisp details and vibrant colors. Designed for outdoor digital signage, transportation systems, medical devices, and rugged industrial applications, these LCD screens ensure critical information is clearly readable in any lighting condition.



4K 2000 nits high brightness display

What are the features of high brightness displays:

Sunlight Readability: 1000-2500 nits brightness for clear viewing even in direct sunlight.

Durability First: Operates in extreme temperatures (-30°C to 80°C) and is dust, moisture, and shock resistant.

Anti-Glare Technology: Advanced coating reduces reflections and reduces eye fatigue during extended use.

Long Life: Over 50,000 hours of operation minimizes replacement and maintenance costs.

Plug-and-Play Compatibility: Standard interfaces (HDMI, VGA, USB) ensure seamless integration.

Customized OEM solutions are born according to different needs of customers.

Not all projects have the same requirements. Some buyers choose exclusive sizes or brightness to increase the added value of the products. Therefore, customized OEM solutions are generated.

Brightness adjustment: Brightness ranges from 800 to 2500 nits, suitable for indoor/outdoor use.

Size and resolution: Customized size (10 inches to 85 inches) and 4K/Full HD resolution.

Touch screen options: Resistive or capacitive touch screen, support gloves/high humidity environment.

Branding and firmware: Add logos, custom startup screens or proprietary software.

High brightness displays are commonly used in the following industries

Retail and advertising: Attract audiences with colorful outdoor billboards and interactive self-service terminals.

Public transportation: Ensure real-time schedules and safety alerts are clearly visible on the dashboard.

Healthcare: Provide accurate readings for surgical monitors and diagnostic tools.

Manufacturing: Display real-time indicators on factory floor control panels.

After reading the above information, do you have a lot of understanding of high brightness displays? You can follow us and work together to innovate and develop high brightness displays.