

Automotive Display Technical Specification

1. Product Overview

Our automotive display screens are engineered for reliability, high brightness, and excellent performance in harsh in-vehicle environments. They are widely used in dashboards, center control panels, infotainment systems, and smart cockpit interfaces.

2. Technical Specifications

- Size: 4.3", 7", 10.1", 12.3", 15.6" (Customizable)
- Resolution: 800×480 / 1024×600 / 1280×800 / 1920×720 / 1920×1080
- Touch Type: Capacitive / Resistive / No Touch
- Brightness: 500 ~ 1200 nits (Adjustable)
- Interface: LVDS / MIPI / HDMI / RGB
- Operating Temperature: -30°C to +85°C
- Viewing Angle: 85°/85°/85°/85° (IPS)
- Cover Glass: Optional Anti-glare / Anti-reflective / Silk Printing

3. Key Features

- Automotive-grade reliability with AEC-Q standards
- High brightness and sunlight readability
- Anti-glare, UV resistant, and vibration-proof
- Multi-touch G+G or G+F capacitive panels
- Optional optical bonding for reduced reflection

4. Application Scenarios

- Center Control Display (CID)
- Instrument Cluster / Dashboard

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- Rear-Seat Entertainment Systems
- Smart Mirror / HUD
- Electric Vehicle Infotainment and ADAS Systems

5. Customization Options

We offer customization in:

- Size, interface, and resolution
- Touch type (PCAP/RTP)
- Optical bonding and EMI shielding
- Cover lens shape, logo printing, and surface coating

6. Manufacturer Information

Xingyue Technology Co., Ltd.

Specialized in display modules, touch screens, and glass cover solutions.

Contact: Johnson Wen (Sales Manager)

Email: [Your Email]

WhatsApp: +852 4683 0459

Phone: +86 185 8924 1885