

# Transparent Glass LED Screen Datasheet

Aluminium and acrylic cabinets with high transparent ratio for glass storefronts and curtain walls, allowing daylight and view-through visibility while displaying full-colour content, with rear service access and customisable size design.

## Why These Cabinets

- High transparent ratio allows daylight and view-through visibility while displaying full-colour content
- Rear service access enables module replacement without removing the screen from the glass wall
- Customisable cabinet size design fits any glass wall dimension without gaps or waste
- Aluminium and acrylic cabinet construction provides rigidity and light weight for glass mounting
- Pixel pitch options of 2.5mm, 3.91mm, 7.8mm, and 10.4mm allow selection based on viewing distance and resolution needs

## Who Buys This Category

- Retail chain operators installing digital signage in glass storefronts without blocking the view
- Shopping mall and building owners integrating LED content into curtain walls while preserving natural light
- Exhibition contractors fitting temporary glass walls with dynamic content in high-traffic areas
- DOOH media owners deploying digital ads on glass facades where transparency is required
- Architects and designers specifying LED screens for glass walls where visual continuity is essential

## Products

### Transparent Glass LED Screen

#### Transparent Glass LED Screen

A rear-serviceable transparent glass LED screen with high transparency ratio, built for retail storefronts, museum exhibits, and architectural facades where visibility through the screen is required. The cabinet uses an aluminium and acrylic composite structure to maintain structural integrity while allowing light to pass through. Pixel pitches available are 2.5mm, 3.91mm, 7.8mm and 10.4mm. Cabinet size is customisable to fit the installation opening.

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Service Type       | Rear service                                        |
| Pixel Pitch        | 2.5mm, 3.91mm, 7.8mm, 10.4mm                        |
| Transparency Ratio | High, based on aluminium and acrylic cabinet design |
| Cabinet Material   | Aluminium and acrylic composite                     |
| Cabinet Size       | Customisable to fit installation opening            |
| Installation       | Fixed, permanent mounting                           |
| Mounting Method    | Surface mount with custom frame integration         |
| Module Access      | Rear service with quick-release locks               |
| LED Type           | SMD three-in-one, UV-proof encapsulation            |
| Design Life        | Up to ten years                                     |

#### Key Benefits

- High transparency ratio allows the glass behind the screen to remain visible, preserving the storefront or architectural view
- Rear service access enables module replacement without removing the screen from the mounting surface
- Custom cabinet sizes fit any opening without requiring additional framing or structural modification
- Pixel pitch options from 2.5mm to 10.4mm allow precise matching to viewing distance and content resolution
- Aluminium and acrylic cabinet structure provides rigidity while minimizing visual obstruction
- No front-facing support structure needed, so the screen appears as a floating display

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