# VUEREAL



# RGB ACTIVE MATRIX
## TRANSPARENT 10"
## DISPLAY

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Showcasing a large 10" panel with ultra-bright, energy-efficient microLED technology, delivering dynamic visuals and seamless integration for next-generation intelligent vehicles.

## APPLICATION



**Smart Transit Display**



**Instrument Cluster**



**Information Display**

## KEY FEATURES
### Next Level Performance

- ✔ **Ultra-High Brightness:** Engineered to perform in a wide range of lighting conditions, ensuring excellent visibility in both indoor and outdoor environments.
- ✔ **Robust Durability:** Built to withstand demanding conditions for long-term reliability.
- ✔ **Ultra-Thin & Lightweight:** Designed for seamless integration into compact spaces, leveraging microLED's inherently slim profile without compromising performance.
- ✔ **Vibrant RGB Color Reproduction:** Delivers rich, high-contrast visuals with precise color accuracy, enhancing visuals for display applications.

## OVERVIEW
### General description

This 10" Transparent Display kit is a cutting-edge RGB Active Matrix microLED display designed for next-generation automotive interior, DOOH, and consumer products. Leveraging VueReal's proprietary MicroSolid Printing™ technology, this microLED display delivers superior brightness, accurate color reproduction, energy efficiency, and seamless integration into compact form factors, making it the ideal solution for automotive and other high-performance devices.

## PRODUCT SPECIFICATIONS
### Main product characteristics

| Tech Specs | VueReal MicroLED 10" Display |
|---|---|
| Diagonal | 10" |
| Resolution | 480 x 360 |
| Pixel Pitch | 450 µm |
| Brightness (typ.) | 5,000 nits |
| Color | RGB |
| Transparency | 85% |
| Dev Interface | USB-C |

*Product specifications are subject to refinement at any time as we continue to innovate and improve our technology.*

Kit includes Qty:1 RGB display, Qty:1 driving board and control software.

**REAL-TIME VIDEO ASSISTANCE AVAILABLE**

# APPLICATION SUPPORT SERVICES

What's Available

VueReal's Application Support for the 10" RGB Active-Matrix Transparent Display Reference Design Kit provides customers with real-time video assistance from our expert support staff. Whether you need help with configuration, troubleshooting, or general inquiries, our team is available to guide you step-by-step via live video support, ensuring a seamless and efficient setup experience.

| Reference Design Kit | Description |
|---|---|
| VR-RDK05-TAM01-RV1 | TAM, 10" microLED transparent display with 450μm pixel pitch, 480x360 resolution, Qty. 1 |

Additional customized engineering support is available; contact your sales representative for pricing.

**About VueReal**

VueReal, the pioneer in MicroSolid Printing™, utilizes an eco-friendly micro-pixel manufacturing process to enable innovative and cost-effective microLED displays, lighting solutions, and other microdevice-based products at scale. VueReal is transforming visual experiences in automotive, AR/VR, lighting, wearables, and smartphones while spearheading broader innovation in the $1T per year microdevice industry. Visit **www.vuereal.com**