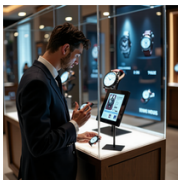
RGB ACTIVE MATRIX TRANSPARENT 3.5" DISPLAY

www.vuereal.com

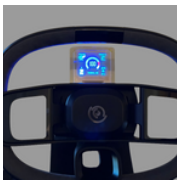


Advancing automotive displays with ultra-bright, energy-efficient microLED technology, enabling dynamic visuals and seamless integration for next-generation intelligent vehicles.

APPLICATION



Interactive Retail Kiosk



Automotive HUD



Smart Watch Technolgy

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 3.5" 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 3.5" Display
Diagonal	3.5"
Resolution	480 x 360
Pixel Pitch	150 µm
Brightness (typ.)	5,000 nits
Color	RGB
Transparency	60%
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.

PRICING & SUPPORT OPTIONS



REAL-TIME VIDEO ASSISTANCE AVAILABLE

APPLICATION SUPPORT SERVICES

What's Available

VueReal's Application Support for the 3.5" 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-RDK04-TAM01-RV1	TAM, 3.5" microLED transparent display with 150µm 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**