



LUMINEQ® transparent displays combine ruggedness and reliability with uniquely high transparency.

The yellow colors of the rugged LUMINEQ displays are known as the Colors of Reliability®. LUMINEQ displays tolerate extreme temperatures, pressure, shock and vibrations better than any other display type.

Due to the unique optical and performance characteristics, LUMINEQ® transparent displays are ideal for applications where transparency and ruggedness are of paramount importance.

LUMINEQ displays, enabled by Atomic Layer Deposition, are the world's most transparent and most reliable displays.

Benefits:

- + Bring digital information to the line of sight.
- + Precision graphics and glass-like transparency.
- + Reliable performance and long life in harsh environments.
- + Wide adjustable brightness from daylight to night vision readable.
- + Battery-powered, low power consumption.
- + Fully customizable, any shape or size.
- + Overlay digital information on view through an optical device



300m

Technology Demonstrator for Scope Manufacturers:

Easily evaluate and prototype LUMINEQ displays in existing optical systems with the Transparent Reticle Display Technology Demonstrator for proof of concept and real-world testing of the technology.

The display can be fully customized based on the manufacturer's requirements. The size, shape and content of the glass can all be adjusted to fit demanding end-product specifications. Matrix displays offer you the freedom of designing your own graphics. Additional chrome layers let you design static graphics such as a crosshair or block light and enhanced brightness according to the end-product requirements.

Specifications of the Technology Demonstrator:

- ✦ Segmented, yellow, transparent, reticle microdisplay
- ✦ Round shape with a diagonal size of 20.5mm + glass contact area
- ✦ 32 individually driven segments
- ✦ Lit crosshair, drop dots, distance to the target
- ✦ Static chrome reticle - crosshair & drop dots
- ✦ 250mm long straight flex
- ✦ Powered with 3V/CR123A battery
- ✦ Trim knob interface – scripted modes
- ✦ UART for custom scripting
- ✦ Wide adjustable brightness range