TRILITE

World's Smallest Projection Display

Trixel 2®

Discover Our Trixel® Evaluation Kit

- Customers love our easy-to-use evaluation kit, which allows them to discover how our unique micro display technology can work for their product. Stream videos over HDMI, display still images via USB, and experiment to find out which settings exactly match with your requirements.
- Our evaluation kit contains an integrated projection screen and the current Trixel® laser beam scanner, starring the RGB color laser module and the MEMS technology.
- Weighing only 3.1 g it is portable and easy to integrate into your setting.
- Trixel® Navigator client software is included and our technical support team available to help you make the most of the experience.
- Talk to our sales team via *info@trilite-tech.com* to find out more about how our Trixel® Evaluation Kit can help you realize your AR goals.
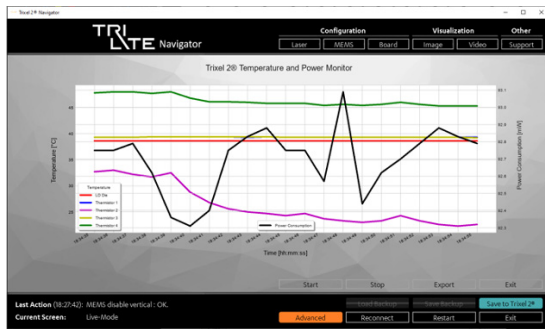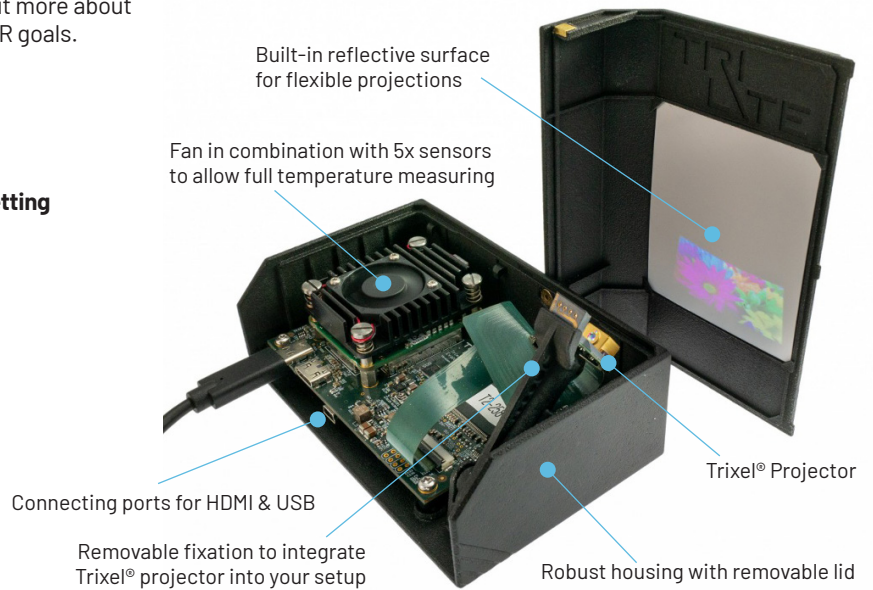
The Hardware

Easy setup, portable and simple to integrate into your setting

Handling Benefits:
- Light, small 40 x 130 x 80 (H x L x W, in mm) & portable
- Built-in reflective surface in the lid
- Simple plug-in/-out to connect for HDMI & USB ports
- LBS & Mainboard removable for external integration

Provided Functionalities:
- Control settings for Laser module & MEMS mirror
- Configure Display Settings
- Display still images and test patterns via USB
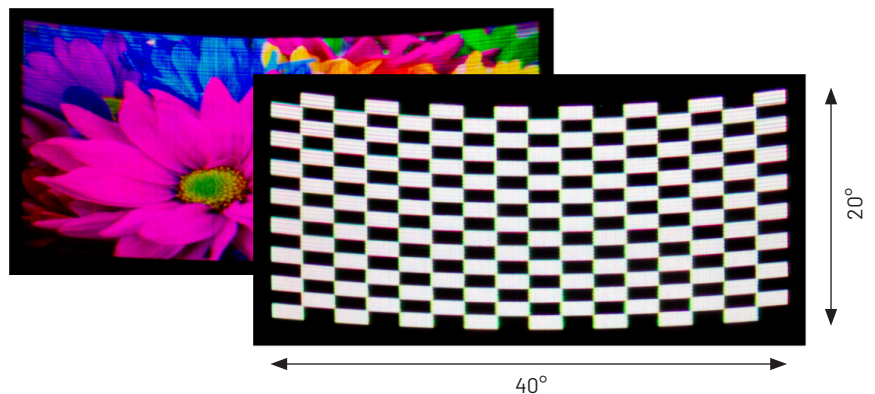- Stream videos over HDMI
- Analyze Temperature & Power Consumption

Built-in reflective surface for flexible projections

Fan in combination with 5x sensors to allow full temperature measuring

Connecting ports for HDMI & USB

Removable fixation to integrate Trixel® projector into your setup

Trixel® Projector

Robust housing with removable lid

The Software

Experience the possibilities of our technology using the Trixel® Navigator

- Configure settings of Laser & MEMS mirror that exactly fits to your requirements
- Manage settings way of displaying images, patterns and movies
- Analyse time accurately power consumption & temperature during use

Parameter	Trixel® Specification
LBS Version	2
Total LBS volume	1.6 cm³
Total LBS weight	3.1 g
FOV (H x V)	40° x 20°
Resolution (H x V)	960 x 480
Refresh rate	90 Hz, triple interlacing
MEMS mirror type	1 x 2D MEMS mirror
Scanning method	Raster scanning
Projection type	Color simultaneous
Color gamut	230% NTSC RGB
Color depth	3 x 10 bit