TRILITE | World's Smallest Projection Display

Trixel® 3 Evaluation Kit

Experience how Trixel® 3 enables the true consumer AR eyewear experience

Integrate into test environments, benchtop and form factor demonstrators

Evaluate multiple system level variables and options to optimize production systems

Trixel® 3 Evaluation Kit

Order your Trixel® 3 Evaluation Kit today!
sales@trilite-tech.com

Want to learn more?
www.trilite-tech.com

Evaluation Kit Calibration Service

Realize the most from your AR system – **we offer end-to-end Trixel® 3 and Optical Combiner calibration services**

* Evaluation Kit does not include AR glasses

Ideal for OEMs and System Integrators who want to accelerate time to market, rapidly prototype, and realize Augmented Reality solutions, fast!

Trixel® 3 Evaluation Kit features:

- Ultra-compact Trixel® 3 optical display engine – the world's smallest Laser Beam Scanning (LBS) projection display for Augmented Reality (AR)
- Portable hardware housing, flex cable for LBS attachment, and all necessary connectors
- Trixel® Navigator software for straightforward visualization, configuration and support

Straightforward & easy to integrate into your test environment

Designed with flexibility in mind
allowing coupling to wave-guides, HOE or free space combiners

Configure settings of the lasers
for variable brightness and white-mix to optimize set-tings for system integration

Project test-patterns and stream videos
via the LBS, or use custom images to test specific use-cases

Discover the world's smallest display for AR –Trixel® 3

Mass-manufacturable, miniature and lightweight with high brightness (15 lumen) – works in all environments, from direct sunlight to dark rooms. Laser color intensity that is "WOW!". Optimized optical path requires no relay optics and low system latency ensures AR images naturally integrate with the surroundings and spatial movements.

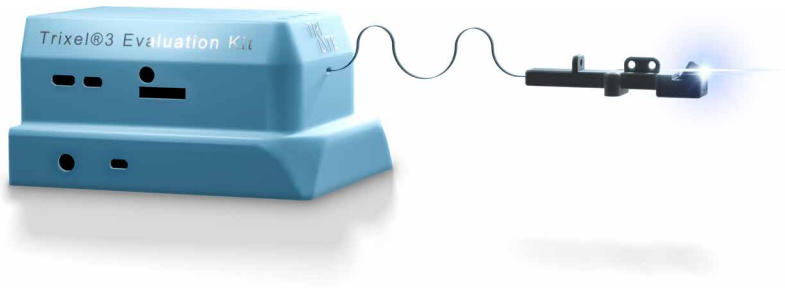
World's Smallest Projection Display

Trixel® 3

Trixel® 3 optical display engine combines TriLite's mass manufacturable miniature and lightweight laser beam scanner (LBS), a single 2D MEMS mirror, all optical components, and the unique TriLite Calibration Module (TCM) that shifts light module complexity from hardware to software domain.

Trixel® 3 Specification*

Total LBS volume	< 1 cm^3
Total LBS weight	1.5 g
FOV (H x V)	24° x 18°
Resolution	up to 1152 x 864 (XGA+)
Refresh rate	90 Hz
MEMS mirror type	1 x 2D mirror
Max. luminous flux	15lm (at LBS output)
Color gamut	214% sRGB

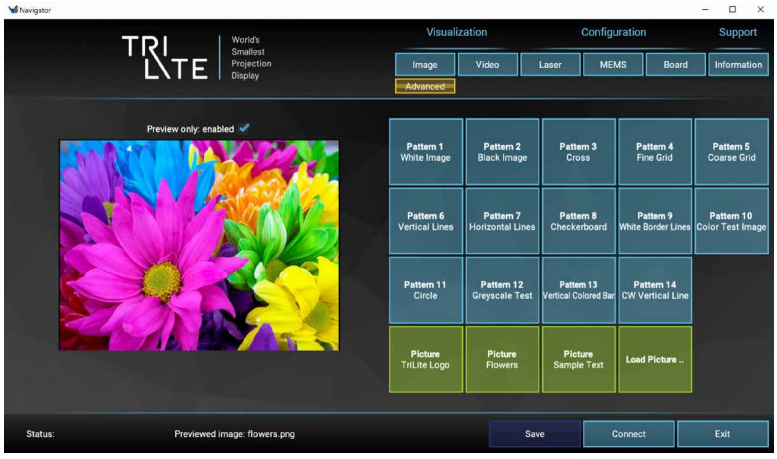


Evaluation Kit Hardware

- Portable housing for control electronics
- Flex cable for connecting LBS directly to your AR solutions
- Trixel® 3 LBS including mini-PCB for flex cable attachment
- Simple plug-in/-out connection with HDMI and USB ports
- International power connector and status LED

Trixel® 3 Navigator Software

- Configure settings of the lasers for variable brightness and white-mix
- Select various test-patterns, or use custom images to test specific use-cases
- Trigger image projection and video streaming via the LBS



* Evaluation Kit specifications are continuously being improved and may vary from production specifications. Contact TriLite for latest specifications.

TriLite Technolgies GmbH

www.trilite-tech.com
info@trilite-tech.com
+43-1-947-5371

Headquarters Vienna

Frankenberggasse 13
1040 Vienna, Austria

Office USA

1700 Montgomery St., Suite 108/22
San Francisco, CA 94111, USA