

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

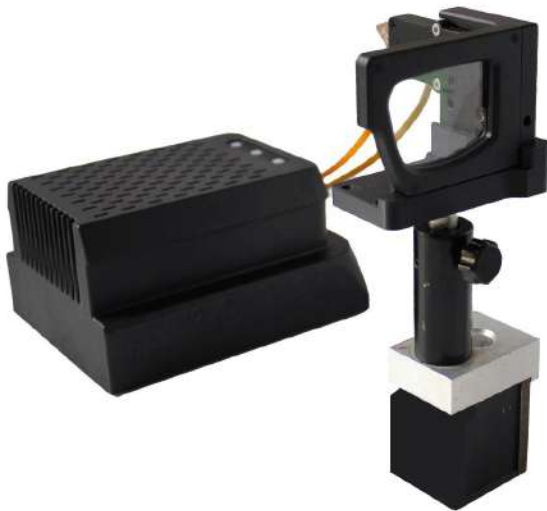
Trixel® 3 Evaluation Kit

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



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)

Control Electronics - portable hardware housing, flex cable for LBS attachment, and all necessary connectors

Trixel® Navigator software for straight forward visualization, configuration and support

Trixel® 3 Evaluation Kit Classic - 20010002



- Trixel® 3 LBS module calibrated for optimized image quality.
- Navigator software to configure laser settings for brightness and white-mix.
- Online support call for Q&A while setting up the EK into the client's environment.
- Trixel® 3 Evaluation Kit Classic is supplied without waveguide.

Trixel® 3 Evaluation Kit Premium - 20010004



- Trixel® 3 LBS module calibrated for optimized image quality.
- Navigator software to configure laser settings for brightness and white-mix.
- One latest generation diffractive waveguide matched with the Trixel® 3 evaluation kit
- End-to-end system calibration
- Online support calls for Q&A while setting up the EK into the client's environment.

Trixel® 3

Trixel® 3 optical display engine combines TriLite's mass manufacturable miniature and light-weight 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 specifications

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



Trixel® 3 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

