

INSIGHT30

Hardware Development Kit

USD \$7,499

You have explored your hardware options and are ready to turn your wearable concept into reality

The DigiLens Insight30 hardware development kit facilitates the creation of specialized head worn devices and allows innovators to evaluate design concepts with DigiLens waveguides in a clear and straightforward way.

KIT INCLUDES:

- (1) Insight30
- (3) Crystal30 waveguides, right eye only
- (2) One-hour support sessions that must be used within 15 calendar days of receipt

HOW TO PURCHASE:

- Complete DigiLens NDA
- 50% deposit to reserve kit
- Balance due to release shipment

Insight30

A turn-key viewing and capture tool that enables users to evaluate and develop wearable devices with the Crystal30 and optimized DLP projection system. The pre-aligned optical test bench is compatible with standard metric mounting systems.

Projector	FOV: 28° diagonal WVGA, 854x480 (16:9 portrait)
Efficiency	2,200 nits/watt
Computer	Windows-based laptop preloaded with testing software
Camera	FOV: 34° x 25.6° IDS software compatible with LabVIEW



Crystal30 Waveguide

DigiLens waveguides are the missing piece for building wearable devices at a consumer price point. The Crystal30 offers a nearly transparent, daylight-bright display and provides users the flexibility to develop different types of meaningful XR applications. Crystal30 is DigiLens' lightest, full color waveguide to date, providing a high-quality display at a great value.

Field-of-View	15° (h) x 26° (v) 30° (d)
Transparency	92% (AR coated)
WG Efficiency	200 nits/lumen
Eyebox	10.5mm x 9.5mm
Contrast	30:1
Uniformity	35%
Orientation	Portrait
WG Rake	8°
Focus distance	Infinity
WG layers	2 (RG/BG)
Thickness	1.6mm total
Availability	Now



**Need a single color display, but still want great quality?*

***Need a right and left binocular solution?*

Contact sales@digilens.com

Upon request, Insight30 users will gain access to the DigiLens mid-volume pricing table. For large volume quantities, DigiLens will introduce OEMs/ODMs to our high-volume manufacturing partners.