



KURA

THE BEST PERFORMANCE
AR GLASSES

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150° Field-of-View

3x Wider

- Displays across nature vision
- View and interact with large 3D objects

Light Weight

80 gms

- Can be worn for long periods of time
- Portable

95%

Transparency

2x more transparency

- Vision unobscured
- Enables eye contact in collaborative settings

8K

Resolution

Crisp and Clear

- Can see details of 3D objects
- Relieves eye strain when reading

Wide Range Depth of Field

Comfortably focus

on objects from a few cm to infinity

High

Brightness

Works outdoor

Increases functionality in bright environments

FEATURES

- Novel geometric waveguide eyepiece
- Customized micro LED, IC and engine
- Advanced wide field of view optical system
- 6-DoF head tracking, eye tracking
- Computer vision SDK and sample app
- Tethered or untethered operation

KURA // AR DISPLAYS, REINVENTED

GALLIUM Headset - 1st product

Structured Geometric Waveguide

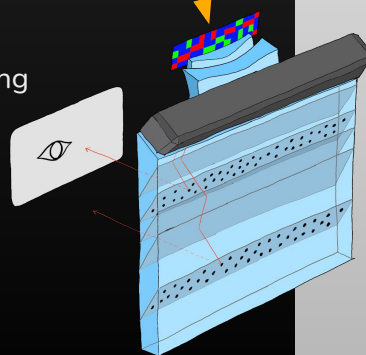
- 95% transparency
- 30%+ efficiency (diffractive waveguide <1%)
- Ghost-free
- High image uniformity
- Large eyebox to accommodate varying users

Custom micro-LED display engine

- The most compact 8K AR image source
- 150° field of view
- Tolerance 10,000x dead pixel rate

Display engine

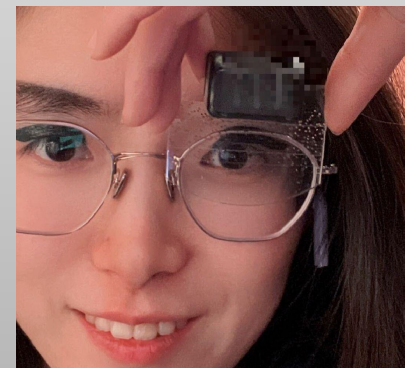
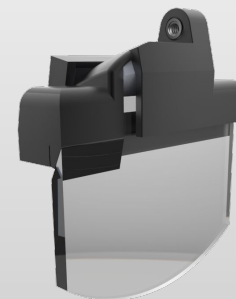
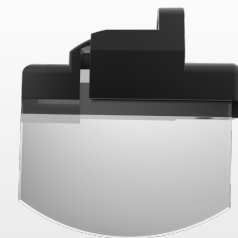
- Enabled by custom micro-LED driver chip
- Achieves 8K resolution with high yield
- Compatible with established manufacturing technologies



ALPHA

Dev Kit developed for specific partners' use cases

- Customized optics
- Micro display
- Wide range of depths
- 3mm thick eyepiece
- Injected molded optics



KURA // CUSTOM MICRO-LED

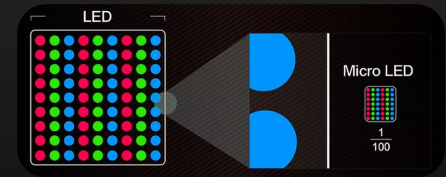
First in the industry capable of **8K resolution** per eye.

True blacks and high brightness are vital to AR applications.

- Our design is the only micro-LED displays to offer both
- Other designs have struggled to achieve high-resolution (small pixel pitch) and full-color display using traditional layout keeping them from mass market.
- Our patent pending [custom display layout and optical design] and customized driver ASIC make Gallium the FIRST AR headset to achieve 8K resolution per eye using micro-LED.



Customized micro-LED display design can tolerate
10,000x higher dead pixel rate
than other AR companies' and standard designs



About Kura

- Team of 24 industry experts on chip design, optics, etc. including founding CTO @ Leapfrog, prev at Google, Kodak, IMAX, NASA, Honeywell, Intel, etc.
- 6 core patents
- Gallium headset launch end of this year as a global telepresence platform
- Ramping up production quality by 2022
- 250+ companies with dozen of Fortune 100/500 ordered

DEMO

Demo videos are
directly through
Kura's prototypes

Demos also at
<https://kura.tech>

CONFIDENTIAL

Thank you

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