

Optical System

Lens

Ophthalmic optical engine
Curved, reflective waveguide with free-form surfaces and invisible combiner that allows for the integration of vision correction

Material

FDA-approved polycarbonate

Field of View

Monocular 15° (right lens)

Nits to the eye

Up to 5,000 nits to the eye

Weight

6 - 8 g

Frame

Foldable

Yes (tooz TRUFOLD technology)

Swappable Lens

Yes (tooz SWAP technology)

Interpupillary Distance (IPD)

56 - 72 mm

Total Weight

55 g

Display

Type

Monochromatic green microLED

Size

0.13"

Resolution

480 x 640 px

Adjustable brightness level

Yes

HMI

Powerful speaker

Dual microphone (with noise cancelling and voice activation)

Capacitive-sensing buttons

Sensors

Compass

IMU

Proximity sensor

Ambient light sensor

Temperature sensor

Power on/off hinge

Battery

210 mAh

(24 hours stand-by, 8 hours display-on)

Connectivity

Bluetooth 5.0
