



# SMARTGLASSES 8



Innovative Consumers • Mobile Computing



Information at the Speed of Sight™

## Fusing Mobile Realities

### AMAZE YOURSELF

The power and performance of a superpowered tablet with stunning, high-definition mixed reality.

### A NEW REALITY

Precision sensors understand the environment and overlay information seamlessly onto the real world.

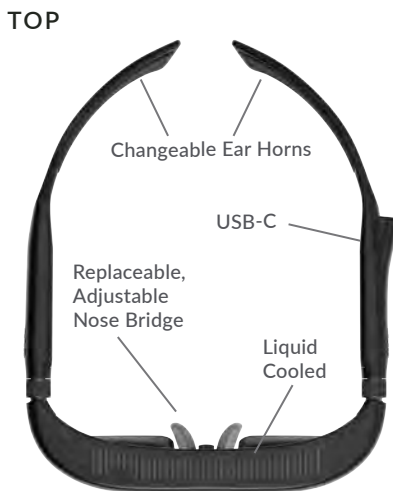
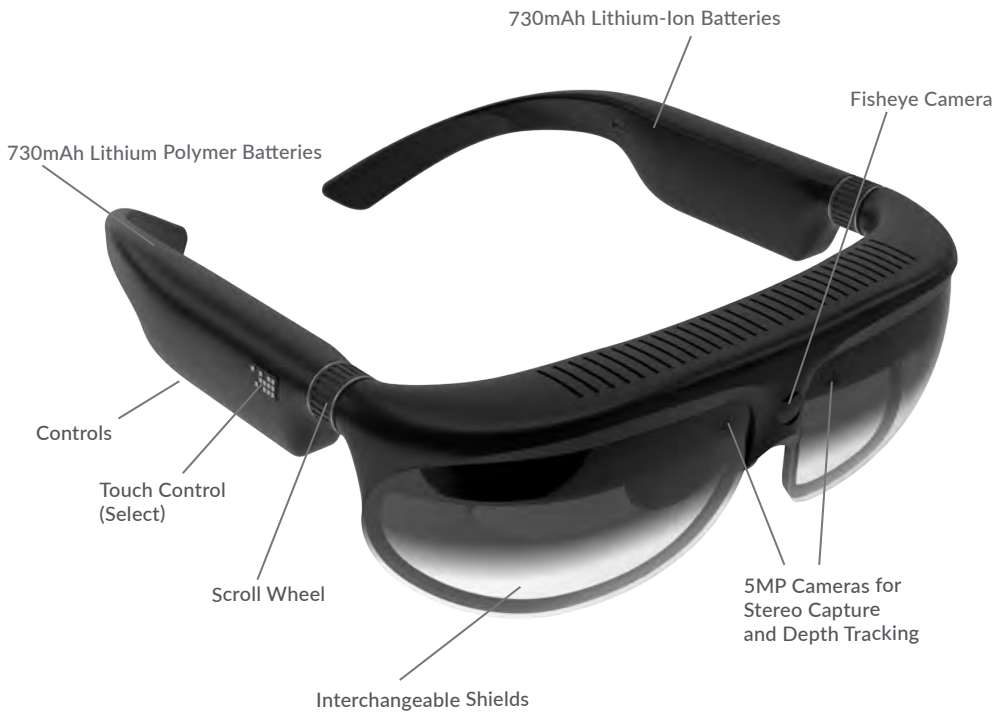
### TRUE MOBILITY

No cords needed.

The R-8 smartglasses pack a powerful mobile computing and high-definition punch in a small and sleek form factor. The R-8 brings the power of mobile virtual computing to on-the-go workers and every-day users who seek to experience the magic of truly mobile augmented, virtual, and mixed reality along with familiar smartphone favorites such as movies, sports, gaming, news, books, navigation, email, and productivity tools presented in dynamic new ways. With the R-8 smartglasses, ODG is expanding beyond our traditional enterprise customer base and extending the amazing capabilities of mixed reality.



# SMARTGLASSES 8



Weight: < 5.0oz

## HARDWARE

- Qualcomm® Snapdragon™ 835
- 2.45GHz 8-core Processor
- 4GB RAM
- 64GB Storage
- 1460mAh Lithium Polymer Batteries (2 x 730mAh)
- Replaceable, Adjustable Nose Bridge
- Changeable Ear Horns

## DISPLAY

- Dual 720p Stereoscopic See-Thru Displays at up to 90fps
- 40° Field-Of-View
- 16:9 Aspect Ratio
- Immersive See-Thru

## COMMUNICATIONS

- Bluetooth® 5.0
- WiFi® 802.11ac
- GNSS (GPS/GLONASS)

## SENSORS

- Multiple Integrated Inertial Measuring Units with 3-Axis Accelerometer, 3-Axis Gyroscope, 3-Axis Magnetometer
- Altitude Sensor
- Humidity Sensor
- Ambient Light Sensor
- 5MP Cameras for Stereo Capture and Depth Tracking
- Fisheye Camera for Visual Odometer

## INPUT/OUTPUT

- Two Digital Microphones (Environment & User)
- USB Type-C: Charging, Data Transfer, Audio and Video Output
- Built-In Stereo Speakers

## SOFTWARE

- ReticleOS™, Android Nougat Framework Optimized for ODG Smartglasses
- Compatible with a Number of SDKs (See ODG Website)
- ReticleOS™ Developer Program

## INCLUDED ACCESSORIES

- Interchangeable Shields
- Power Supply and Cable

## OPTIONAL ACCESSORIES

- Reticle Speed Mouse
- Wireless Keyboard
- Portable Back-Up Power Supply
- Corrective Lens Inserts
- Replacement Nose Pads & Ear Horns
- Interchangeable Shields
- Head-Strap
- Carrying Case