

ODG

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.

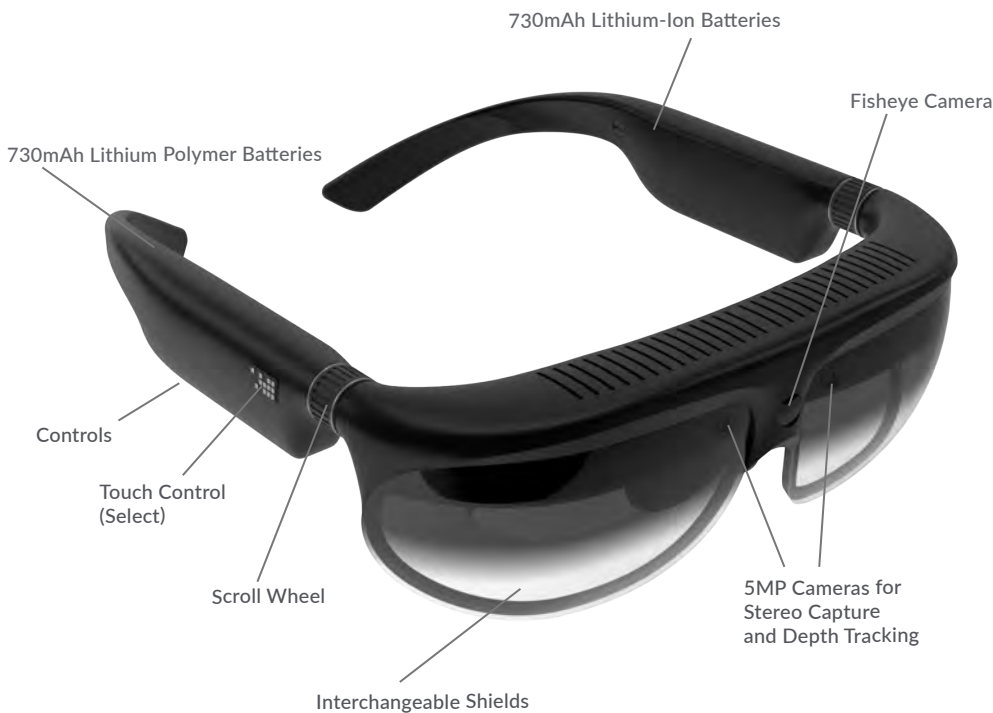
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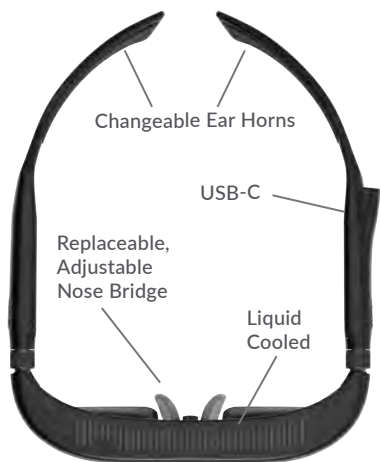


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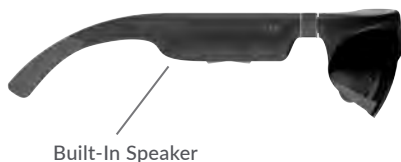
TOP



FRONT



SIDE



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