



SMARTGLASSES  
9



Prosumer • Enterprise • Developers



Information at the Speed of Sight™

## Smartglasses For a Smarter World

### AMAZE YOURSELF

The power and performance of a tablet superpowered 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.

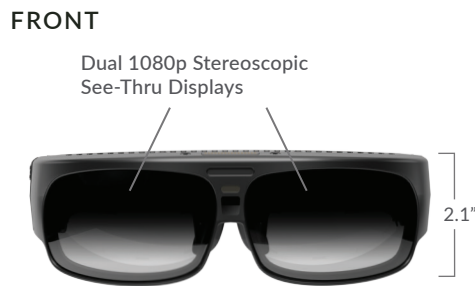
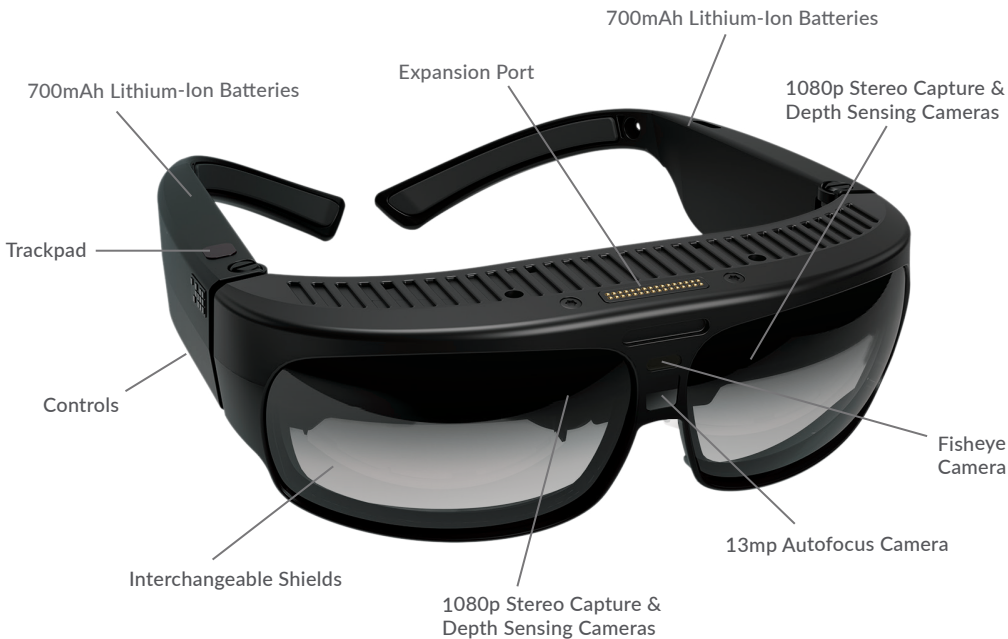
Powerful, versatile, and with a 50° Field-Of-View, R-9 is targeted to a variety of wide Field-Of-View experiences from light enterprise to prosumer media consumption. Also a flexible development platform for sophisticated mobile virtual and mixed reality and smartglass applications. Plays movies with cinematic clarity, drops you inside immersive 3D interactive experiences, and reveals new worlds of invention and productivity. Module expansion capabilities make it our most customizable device for a wide variety of environments and end user.

OSTERHOUT DESIGN GROUP ■ [www.osterhoutgroup.com](http://www.osterhoutgroup.com) ■ 153 Townsend St. Suite 570 ■ San Francisco, CA 94107 ■ (415) 644-4000

PRESS INQUIRIES: [press@osterhoutgroup.com](mailto:press@osterhoutgroup.com) ■ SALES INQUIRIES: [sales@osterhoutgroup.com](mailto:sales@osterhoutgroup.com) ■ RESELLER INQUIRIES: [reticleconnect@osterhoutgroup.com](mailto:reticleconnect@osterhoutgroup.com)



# SMARTGLASSES 9



## HARDWARE

Qualcomm® Snapdragon™ 835  
2.45GHz 8-core Processor  
6GB Pop LP-DDR-4 RAM  
128GB Storage  
1400mAh Lithium-Ion Batteries (2 x 700mAh)  
Replaceable, Adjustable Nose Bridge  
Changeable Ear Horns

## DISPLAY

Dual 1080p Stereoscopic See-Thru  
Displays at up to 60fps  
50° Field-Of-View  
22:9 & 16:9 Aspect Ratios

## COMMUNICATIONS

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

## SENSORS

Integrated Inertial Measuring Unit  
with 3-Axis Accelerometer, 3-Axis Gyroscope,  
3-Axis Magnetometer  
Altitude Sensor  
Humidity Sensor  
Ambient Light Sensor  
13MP Autofocus Camera  
(1080p @ 120fps, 4k @ 60fps)  
2x 1080p Front-Facing Cameras for  
Stereo Capture and Depth Sensing  
Ultra Wide-Angle Fisheye Camera for  
Enhanced Environmental Tracking  
and Positioning  
Expansion Port (MIPI-CSI)

## INPUT/OUTPUT

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