

## ODG R-9



### Hardware

- Qualcomm® Snapdragon™ 835
- 2.45GHz 8-core Processor
- 6GB Pop LP-DDR-4 RAM
- 128GB Storage
- 1400mAh Lithium Polymer 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
- Immersive See-Thru

### Communications

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

### Sensors

- Multiple 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)
- 5MP Cameras for Stereo Capture and Depth Tracking
- Ultra Wide-Angle Fisheye Camera for Enhanced Environmental Tracking and Positioning
- Expansion Port ( MIPI-CSI)

### 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

### Items Included With R-9 Kit

- 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

*All Specifications subject to change*