

ODG R-7

Hardware

- Qualcomm® Snapdragon™ 805
- 2.7GHz quad-core Processor
- 3GB Pop LP-DDR3 RAM
- 64GB Storage
- 1300mAh Lithium-Ion Batteries (2 x 650mAh)
- Replaceable Magnetic Nose Bridge
- Removable Ear Horns
- Dual Haptic Feedback in Temples

Display

- Dual 720p Stereoscopic See-Thru Displays at up to 80fps
- 60% See-Thru Transmission (Up to 80% Available)
- Magnetically Swappable Photochromic Shields

Communications

- Bluetooth® 4.1 (Basic rate, EDR, BLE)
- WiFi® Dual Band 802.11ac (a, b, g, n, ac)
- GNSS-based Location (includes GPS and GLONASS)

Sensors

- Two Integrated Inertial Measuring Units with 3-Axis Accelerometer, 3-Axis Gyroscope, 3-Axis Magnetometer
- Altitude Sensor
- Humidity Sensor
- Ambient Light Sensor
- Autofocus Camera (1080p @ 60fps, 720p @ 120fps)
- Available in Portrait or Landscape Orientation



Input/Output

- 2 Digital Microphones (Environment & User)
- Magnetic Charging Port with USB On-The-Go
- Magnetic Stereo Audio Ports with Ear Buds

Software

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

Items Included With R-7 Kit

- Protective Case
- Magnetic Ear Buds
- Reticle Speed Mouse
- Magnetically Swappable Photochromic Lenses
- Magnetic USB Charging/Data Cable
- Power Adapter
- Removable Headstrap
- Microfiber Cleaning Cloth

Specifications subject to change without notice