

## ODG R-7HL

### Hardware

- Qualcomm® Snapdragon™ 805
- 2.7GHz quad-core Processor
- 3GB Pop LP-DDR3 RAM
- 64GB Storage
- 1300mAh Lithium-Ion Batteries (2 x 650mAh)
- Removable Ear Horns
- Magnetically Attached Ear Buds
- Magnetic USB Data & Power Cable
- Dual Haptic Feedback in Temples

### Optics

- Dual 720p Stereoscopic See-Thru Displays
- at up to 80fps
- Removable Clear Shields
- Snap-In-Place Correctives (Accessory Sold Separately)
- Bright Sunlight Readability with High Contrast
- High See-Through Capability

### 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)



### Input/Output

- 2 Digital Microphones (Environment & User)
- Magnetic Charging Port with USB On-The-Go
- Magnetic Stereo Audio Ports with Ear Buds
- “Back”, “Menu”, “Vol+”, “Vol-”, “Power”, and
- “Select-User Configurable” Controls
- Integrated Optical Trackpad with Button

### Software

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

### Certifications and Standards

- ANSI Z87.1+ (Impact Eye Protection)
- ANSI Z87.1+ D3 (Splash Protection)
- ANSI Z87.1+ D4 (Dust Protection)
- FCC/CE
- Intrinsic Safety (See ODG Website for Details)
- Class I, Division 2, Groups C and D, T4
- Class I, Zone 2, AEx ic IIA T4 Gc
- Class I, Zone 2, Ex ic IIA T4 Gc
- -20°C ≤ Ta ≤ +50°C

### Items Included With R-7hl Kit

- Magnetic Ear Buds
- Magnetic USB Data & Power Cable
- USB Wall Charger
- Carrying Case
- Head Strap
- Microfiber Cleaning Cloth
- Instruction Manual

*Specifications subject to change without notice*