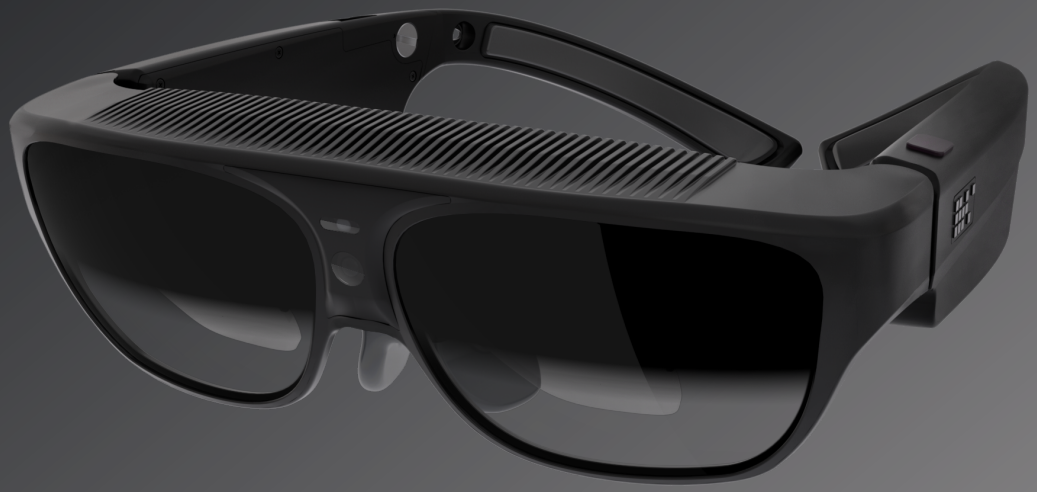
ODG

SMARTGLASSES 7



Information at the Speed of Sight™

Changing the Way You Work

The world's most advanced AR smartglasses. Designed to be the wearable computer of tomorrow: powerful fully integrated platform with ultra-transparent HD 3D stereoscopic displays that redefines what can be done on the go for Enterprise and Industrial customers.

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.

Transporation · Healthcare · Energy & Utilities · Logistics · Security

OSTERHOUT DESIGN GROUP ▪ www.osterhoutgroup.com ▪ 153 Townsend St. Suite 570 ▪ San Francisco, CA 94107 ▪ (415) 644-4000

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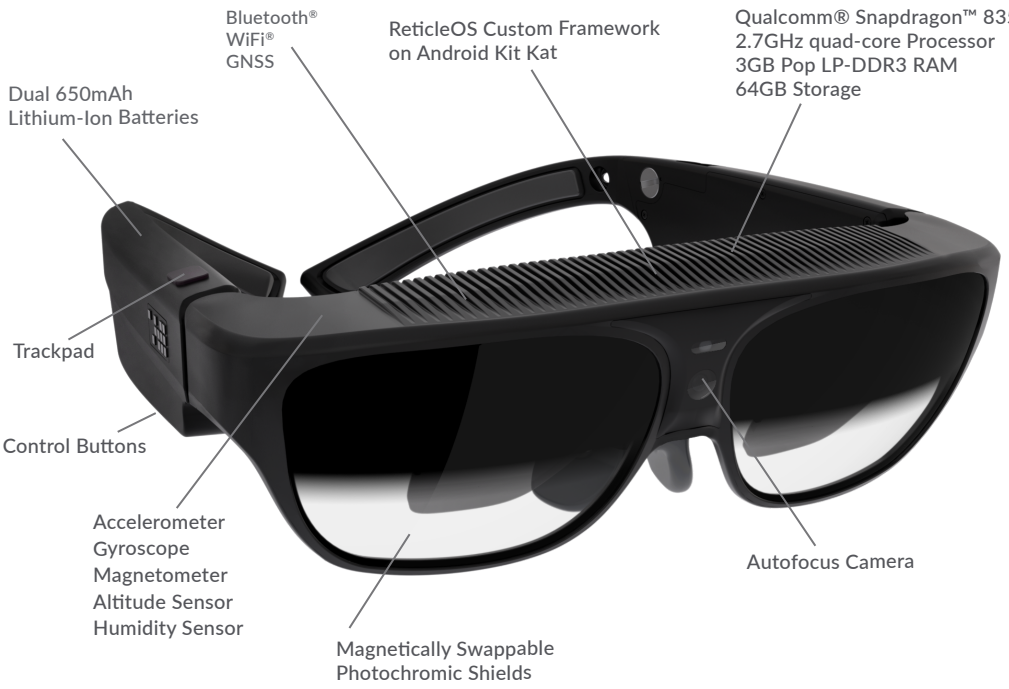
ODG

SMARTGLASSES 7



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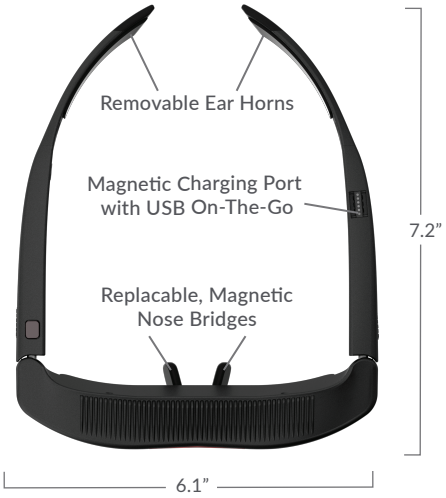

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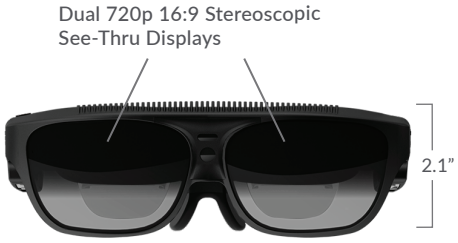

SIDE

Weight: < 6.0oz

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 Swapple 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 KitKat Framework
Optimized for ODG Smartglasses

Compatible with a Number of SDKs
(See ODG Website)

ReticleOS™ Developer Program

INCLUDED ACCESSORIES

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

OPTIONAL ACCESSORIES

- Wireless Keyboard
- Portable Back-up Power Supply
- Corrective Lens Inserts
- Replacement Nose Pads & Ear Horns
- Tinted & Blackout Shields

All specifications are subject to change.

v1.0.2 ODG Part #: 580-00022