

# Technical Datasheet

## **eSight Go Glasses** **Model: EG-01-AC-00**

- eSight Go is a wearable digital vision enhancement device. It uses a high-resolution camera, OLED screens, and advanced image processing algorithms to capture the visual world and display enhanced video in real-time.
  - eSight Go aims to improve performance of daily living activities and connect users to the world around them. It is not intended to completely restore vision or replace medical treatment.
  - eSight Go makes no claims about the suitability of the device for any specific activity.
- BLE/WIFI Capability

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Technical Specifications	
Display	
Resolution	1920x 1080
Field of View	Diagonal 45°
Power	
Run time	180 minutes
Battery	Integrated lithium-ion battery in the device Rechargeable lithium-ion battery in Neck Pack Maximum Charge Voltage & Current: 5.0V & 3.0A Type C USB Cable with USB AC wall adapter Recharge from a wall outlet
Connections	
USB	eSight recommended USB Type C input for power and data Charges the battery when used with the AC wall adapter
Bluetooth Low Energy	Bluetooth 4.1 Frequency Range: 2400-2483.5 MHz Channel Width 2 MHz Transmitter Power: 8.07 dBm
Wi-Fi	Pairs the headset with eSight-supplied remote Frequency Range 2400-2483.5 MHz Channel Width 20 MHz minimum, 80 MHz maximum Transmitter Power: 13.95 dBm Allows connection for device updates and remote support.
Sound	
Headset Speakers	For user interface feedback
Operating Environment	
Operating Temperature	0°C to 40°C
Storage Temperature	-20°C to -45°C