

**ONLY
2.8%**

**of people in the U.S.
know sign language**



Most of these people are deaf and they face many challenges in their daily lives. Well, we have an idea to make special AI glasses called **EYE UNDERSTAND**.

Eye Understand

Glasses for People Who Use Sign Language

Our Smart glasses convert sign language into speech and speech into sign language/captions!

Here's how it works:

A camera in the glasses would be recording the hand gestures and it will be sending the video to an app, which would turn the signs into words.



Then the words would come out through the built-in speakers on the glasses.

These glasses will use our app and website to turn American Sign Language into words. This is super exciting because people who use sign language and **can't talk will be HEARD** now.

Pretty cool right?



Breaking the Silence

Input

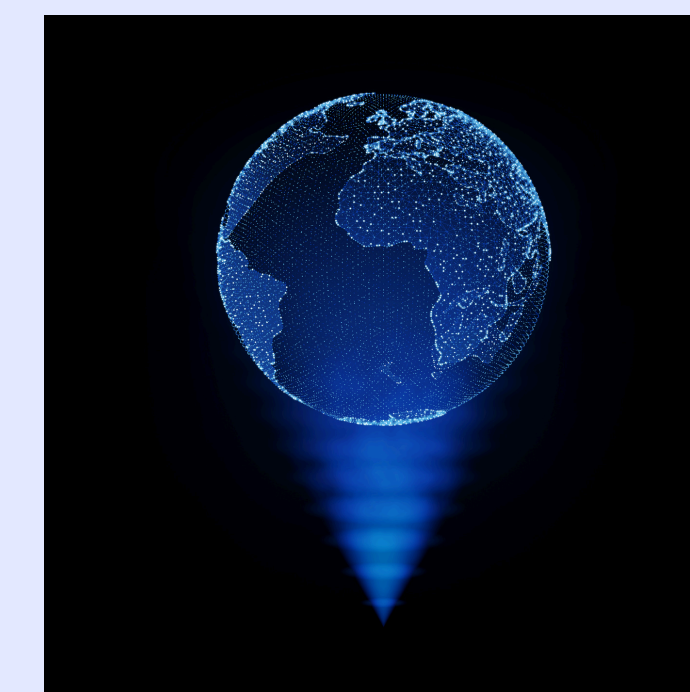
Output

Video

Video Input: Mico-cameras record sign language and facial expressions.



Video Output: Hologram projections of signing figure and closed captions.



Audio

Audio Input: Mini-microphones record spoken language.



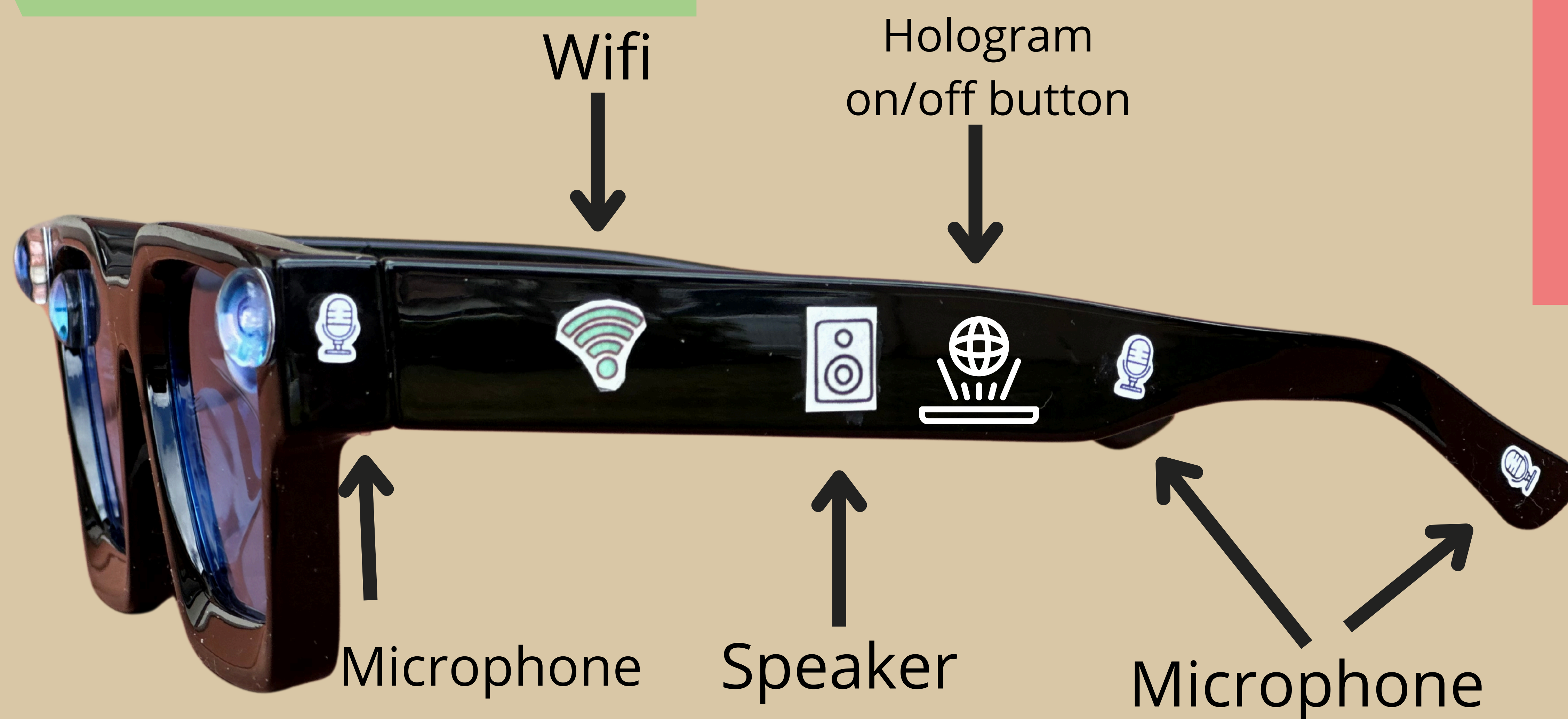
Audio Output: Translated verbal audio via Bluetooth connection to speakers.



Eye Understand glasses have built-in **cameras** that records sign language and sends the video via **Bluetooth** to an **app** on any device. This app will **translate** the hand gestures into words. Our smart glasses will also have **subtitles** and **holograms** to help deaf persons wearing the glasses understand spoken words.



PROTOTYPE



Eye Understand is stylish, light weight and water proof. And the lenses can be prescription, polarized or transition glasses. They come in all sizes, plus they're designed to be affordable for everyone.



Eye Understand are smart glasses that use AI with the latest technology on their cameras, Bluetooth, and sign language translation app; the lens will also have subtitles and holograms.

Our Sign Language Glasses will also have voice changing where kids and grown ups can customize it or add voice effects to their imaginations.

Using technology and Artificial Intelligence, the glasses will learn the users' gestures over time and help them form complete sentences when needed.