EYES & EARS

Hallo
German

Bonjour
French

こんにちは
Kon’niçiwa
Japanese

こんにちは
Kon’niçiwa
Japanese

/anneyeonghaseyo/
Korean

안녕하세요
Korean

Hallo
Icelandic

Holla
Spanish

Hello

Hola
Spanish

Hallo
German

Привет
Russian

Ciao
Italian

Kamusta
Filipino

你好
Nǐ hǎo
Chinese

สวัสดี
Thai

translate any language,
anywhere, anytime
MANIFESTO

We present “Eyes & Ears,” a pair of contact lenses and headsets which utilize advanced AI primarily for real time language translation.

The small, easy-to-insert contact lenses will translate text seen in real life overlaid on top of what is seen. This will be done naturally to simulate the same light effects or font. For those with hearing loss, there will also be a feature to caption any text heard from people or sounds heard in general. This captioning can also include names of speakers, especially if you interact with them often.

For the small, wireless earbuds, all human voices will be able to be translated in real time, conserving individual voice tone and inflection. This may be particularly useful when listening to music sung in different languages. Lastly, for those with visual impairments, captioning will be done through sound to help navigate one’s surroundings.

All of these features and the level to which they are applied will be able to be adjusted according to a connected app. The app will remember your preferred language, settings adjusted to your preferences such as the use of specific metaphors or synonyms while still remaining true to the intent of the speaker. To ensure the reliability of all translations, validation was performed using large populations of native speakers for all known languages. Also, for those looking to learn a new language, adjust a setting in the phone app to slowly integrate this new language into your ear or eye piece.
Translate any visible text and naturally overlay it on top.

Caption nearby voices and sounds, together with voice recognition technology.

Jennifer: she's liking it!
Katie: what a cutie
Dog: (peacefully) rrrrrr
EARS
translate any human voice in real time into your language

Comment allez vous?
how are you doing?

captioning for your surroundings

A cute golden retriever looks at you with its mouth slightly open