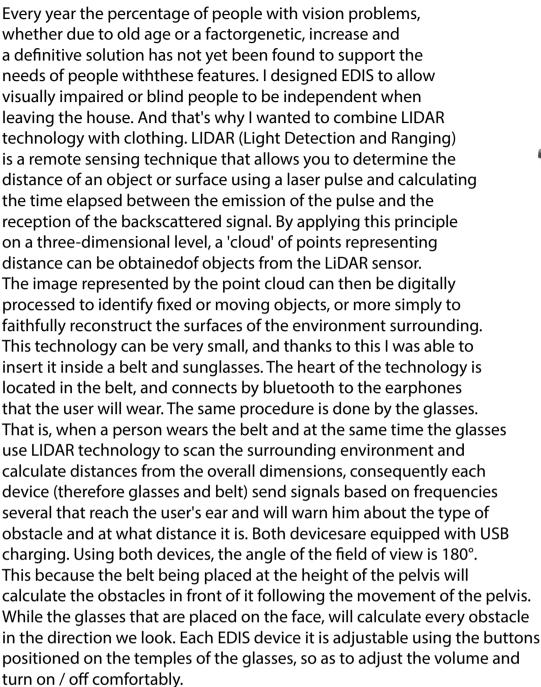


EDIS

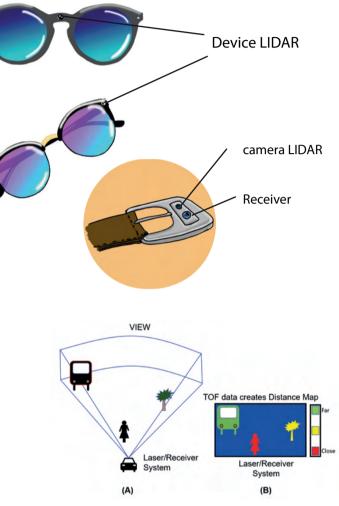
What is LiDAR? The eyes of self-dri

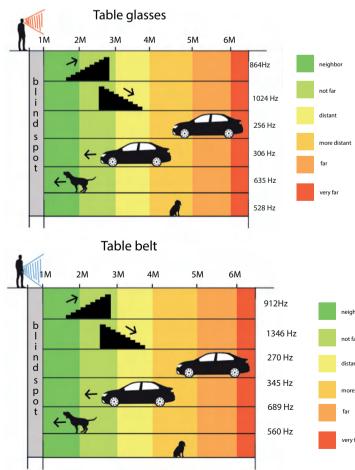
rgbs









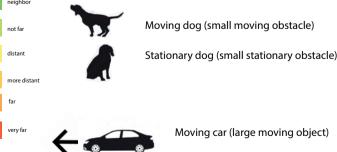


We can see that near the tables there are various frequencies, each of them corresponds to one certain size of some objects. Beyond that I also define whether an object is in motion or it is stationary, and again the sound of the frequencies changes, if it is a small moving object or a large object. The table shows various frequencies, each of them corresponds to a object of a certain size, and whether it is moving or stationary. Depending on distance in which the sound emitted will have a more or less fast repetition, like the sensor of the car for parking. Another very useful factor for the user is that if the object or obstacle is on one side only, only the earpiece on that side will sound. For example, if we have only one obstacle on the right, the right earphone will ring, while the left earphone will not. The volume will be adjustable, by buttons on the earphones. In addition, it can enter standby mode with one of the buttons, so as to avoid that the device picks up and sends signals continuously.

Belt action rang

nge of action glasses

Range of action of both devices



Machine stopped (large object stopped)

Moving car (large moving object)

Stairs going up

Staircase going down

POLIARTE Design, Ancona Accademia di Belle Arti

Student Federico Giorgia

Progect EDIS

