



## Sign Language Translation System

### Theory

### Principle of Operation

### Motivation

- ~1,500,000 culturally deaf in the United States and Canada [1][2] with no efficient and natural way to communicate with the hearing
- Communication barriers between sign language speakers and the general populace remain high

### Objective

- Build a system to allow sign-language speakers to communicate with non-speakers in an unobtrusive and natural way

### Design Considerations

### Principle of Operation

### Advantages

- Allows users to speak sign language in a mobile environment
- Portable with minimal setup time
- Easily integrated into daily routine

### Features

- Build a system to allow sign-language speakers to communicate with non-speakers in an unobtrusive and natural way

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