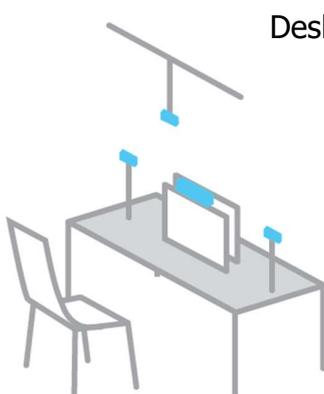# SIGNALL

Product Specs: SignAll 1.0

FEATURES:

- 1 : 1 Communication hearing / deaf individual
- Translation of American Sign Language (ASL) to English. Full ASL recognition including non-manual markers and ASL grammar (not Signed Exact English)
- Recognition of spoken English
- Chat UI that displays the conversation for both parties

The SignAll Communicator is the first product in the world that enables spontaneous communication between a Deaf and a hearing individual via automated ASL translation technology.
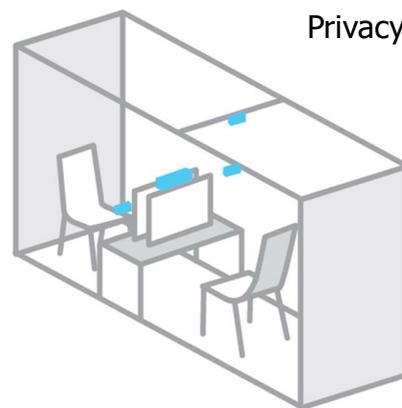
The system should be installed in a fixed position (in an office, a customer service desk, in a meeting room, etc.) where the deaf and hearing party can sit down anytime and communicate via on-screen chat dialogue using their own language.

The deaf person wears a colorful glove and signs to the camera, the colors on the gloves helps the technology to differentiate the fingers. The hearing person uses voice, the speech is picked up by automatic speech recognition

CONFIGURATIONS

Desk / Tabletop

Privacy Booth

SIGNALL

	Desk / Tabletop	Privacy Booth
Description	- Can be installed on an existing desk or tabletop. - Requires less space as it could be added to an existing desk/workstation. - More sensitive to environmental requirements	- Stand alone booth - Can be permanently installed or mobile - Provides privacy - Fewer environmental limitations - Space / overall footprint is larger
Requirements		
System Requirements	- Wired Internet Connection - AC Power	
Environmental Requirements	- A white or light colored backdrop is necessary behind the signer. A fixed wall is ideal but not essential. - It should be free of people or objects. - Lighting should be controlled. Typical office lighting is recommended. Direct sunlight or spotlights will affect reliability.	- A backdrop is inherently part of the booth, and should be free of people or objects. - Lighting is generally controlled inside the booth, but direct sunlight or spotlights from above will affect reliability.
User Requirements	- Both users (hearing and deaf) must have an intermediate knowledge of written English - The deaf user should use clear ASL, avoiding regional signs - Avoid clothing that is: - Extremely colorful - Excessive clothing (coats, layers) - Oversized Jewelry (bracelets) - Hats that shade or occlude the face	
Technical Specifications		
Dimensions	Surface area of tabletop: Minimum 5' wide and 2'6" deep The system doesn't take all the surface so the desk could be used for other purposes or can be the workstation of and individual.	Footprint for booth: Minimum 8' x 10'
Components	- Cameras / camera mounts (desktop version) - Customized lighting (desktop version) - PC - Monitor	- Cameras / camera mounts (desktop version) - Customized lighting (desktop version) - PC - Monitor

SIGNALL

	• Touchscreen / Tablet • Peripherals All components are securely installed to the table or scaffold per client requirements.	• Touchscreen / Tablet • Peripherals All components are securely installed within the booth.

Gloves	• Material: lycra
	• Sizes:
	    o 3-X-small
	    o 4- Small
	    o 5 - Medium
	    o 6- Large
	    o 7- X-large
	
	• An initial set is provided at the installation, further supplies can be ordered anytime.
	
	• Machine washable in cold water on gentle cycle. Place in lingerie bag to prevent snagging. Or hand wash. No bleach. Air dry.
	
	• Keep out of direct sun light. Store in safe clean place.	

Warnings / Hazards, Disclaimers	• Proper installation is crucial • Scaffolds or booths should be periodically tested to ensure connection points are secure • Flashing lights may occur	