



Engineered Arts – SociBot mini

SociBot Mini integrates the core technologies of RoboThespian in a desktop-sized robot. Extra ports and multiple Ethernet connections make it easy to interface with your choice of hardware. The projective head and fully articulated neck make SociBot even more expressive than its larger sibling. Ideal for individual researchers, small-footprint telepresence, or just for playing around with at home, SociBot offers a simple and affordable introduction to advanced robotics. SociBot can track the position of more than 12 people at a time, even in a crowd. It can also detect gestures like hand waves and body poses. The internal head projector can map any face onto any mould – talk to us about customizing your facial features and projection options. See our Technology section for more details.



Key Features

- Projected facial expression technology
- Integrated browser based IDE
- Wide choice of text to speech languages and voice variations (1 voice supplied as standard)
- High quality 20W audio output
- Facial motion capture
- Optional age, gender and expression estimation using SHORE TM
- Integrated HD webcam
- 3 powered head axis
- Integrated PC
- Integrated IR depth sensor for gestures

Possible Applications

- Development of Social Robotics
- Experimental Work with Visual Artefacts
- Development of Speech and Face Expression for Robot Output

Access information

Corresponding infrastructure	University of the West of England Ambient Assisted Living Laboratory
Location	Coldharbour Ln, Stoke Gifford, Bristol BS16 1QY, UK
Unit of access	Working day



Technical specifications

No technical specifications specified.

Additional information

Additional information available [here](#).