



VISION UNDERSTANDING

INTRODUCTION

Vision understanding technology enables ASoRo robots to see the surrounding people and environment, extract useful information & thus to act & respond intelligently.

FEATURES

- + Human Detection/Tracking to identify and track human in the scene
- + Gesture Tracking to identify non-verbal gestures made with hand(s) and other body part(s)
- + Various facial feature detection and tracking:
 - Lip Motion Detection
 - Face & eye tracking
- + Facial Expression and Emotion Analysis
- + Online face learning and recognition

POTENTIAL APPLICATIONS

- + Human behavior tracking analysis for elderly care
- + Security enforcement based video surveillance
- + Media authentication
- + Interactive television & 3D gaming interaction