

exTOUCH



Keywords

Direct Manipulation
Embodied Interactions
Augmented Reality
Spatially Aware Interface
Tangibles

Input

Touch

Output:

Movement of objects

Technology:

Touch Screen
Camera
AR Recognition
Wireless Network

exTOUCH

Description:

"exTouch" is an application developed by Tangible Media Group of MIT. The application allows users to touch and control different objects (Omni directional robot, Flying drone control, Transformable furniture control) via a touch screen over a wireless network.

The users can touch the object which is shown on the live video screen of the iPad 2 to move the object around using single touch or change the orientation using multi-touch. Furthermore, the users can move the screen physically in order to move the object from one place to another.

Link:

<http://tangible.media.mit.edu/project/extouch/>

