

User Manual

Project Kitchen Occupation

TSBB11 HT 2013

Version 1.0



Status

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Project Kitchen Occupation

Bilder och Grafik CDIO, HT 2013
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1 Introduction

1.1 About this document

This document contains instructions on how to setup and use the system. How to install the necessary hardware and software is described as well as how to calibrate and configure the system.

2 Installing the system

2.0.1 Hardware

Each Kinect camera must be installed above a door with no overlapping view shared with any other Kinect camera. The Kinect must point down or slightly angled towards the room. A minimum distance of 50 cm is required from the lense of the Kinect and the top of the door. Each Kinect must be connected to a power source, and to a device running the system software using USB.

2.0.2 Software

There are two versions of the software, one with a calibration and configuration GUI and one lightweight version without a GUI. In order for the lightweight version to work a configuration file, persumably generated by the GUI version, is required.

Linux, OS-X or Windows is required on the machine running the software. Atleast one Kinect camera must be connected before starting the software. More than one Kinect camear is currently only working on Linux and OS-X.

3 Calibrating the system

Calibrate the height...



Figure 3.1: *System overview.*

variables...

4 Configuration the system

Erik...

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