Materials List for:

Design and Analysis for Fall Detection System Simplification

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Materials

Name	Company	Catalog Number	Comments
Inertial measurement wearable sensor	Mbientlab	MTH-MetaTracker	Tri-axial accelerometer, tri-axial gyroscope and light intensity wearable sensor.
Electroencephalograph brain sensor helmet MindWave	NeuroSky	80027-007	Raw brainwave signal with one forehand sensor.
LifeCam Cinema video camera	Microsoft	H5D-00002	2D RGB camera with USB cable interface.
Infrared sensor	Alean	ABT-60	Proximity sensor with normally closed relay.
Bluetooth dongle	Mbientlab	BLE	Dongle for Bluetooth connection between the wearable sensors and a computer.
Raspberry Pi	Raspberry	Version 3 Model B	Microcontroller for infrared sensor acquisition and computer interface.
Personal computer	Dell		Intel Xeon E5-2630 v4 @2.20 GHz, RAM 32GB