UDOO: low cost rapid prototyping platform



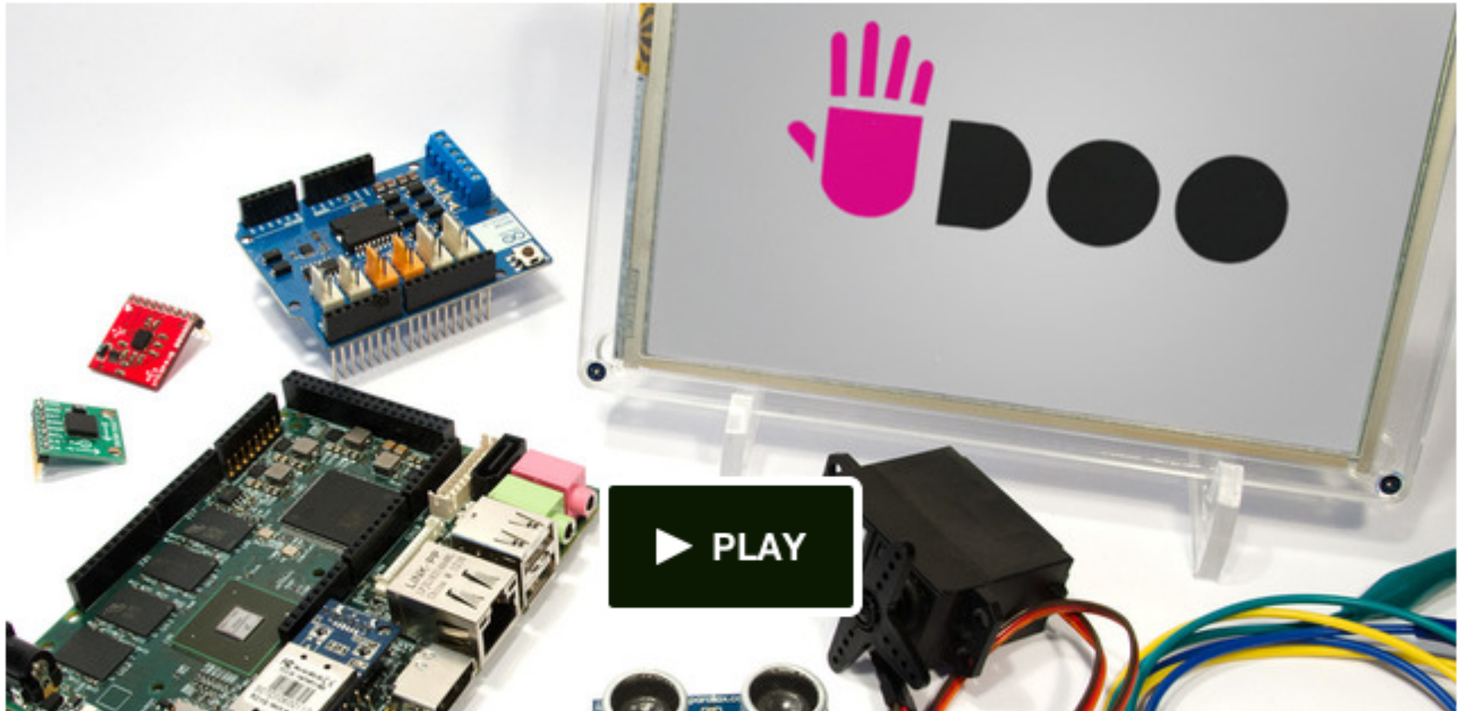
www.udoo.org www.aidilab.com

Maurizio Caporali

UDOO: Android Linux Arduino in a tiny single-board computer

by UDOO · **You're a backer**

Funded! This project successfully raised its funding goal on Jun 8.

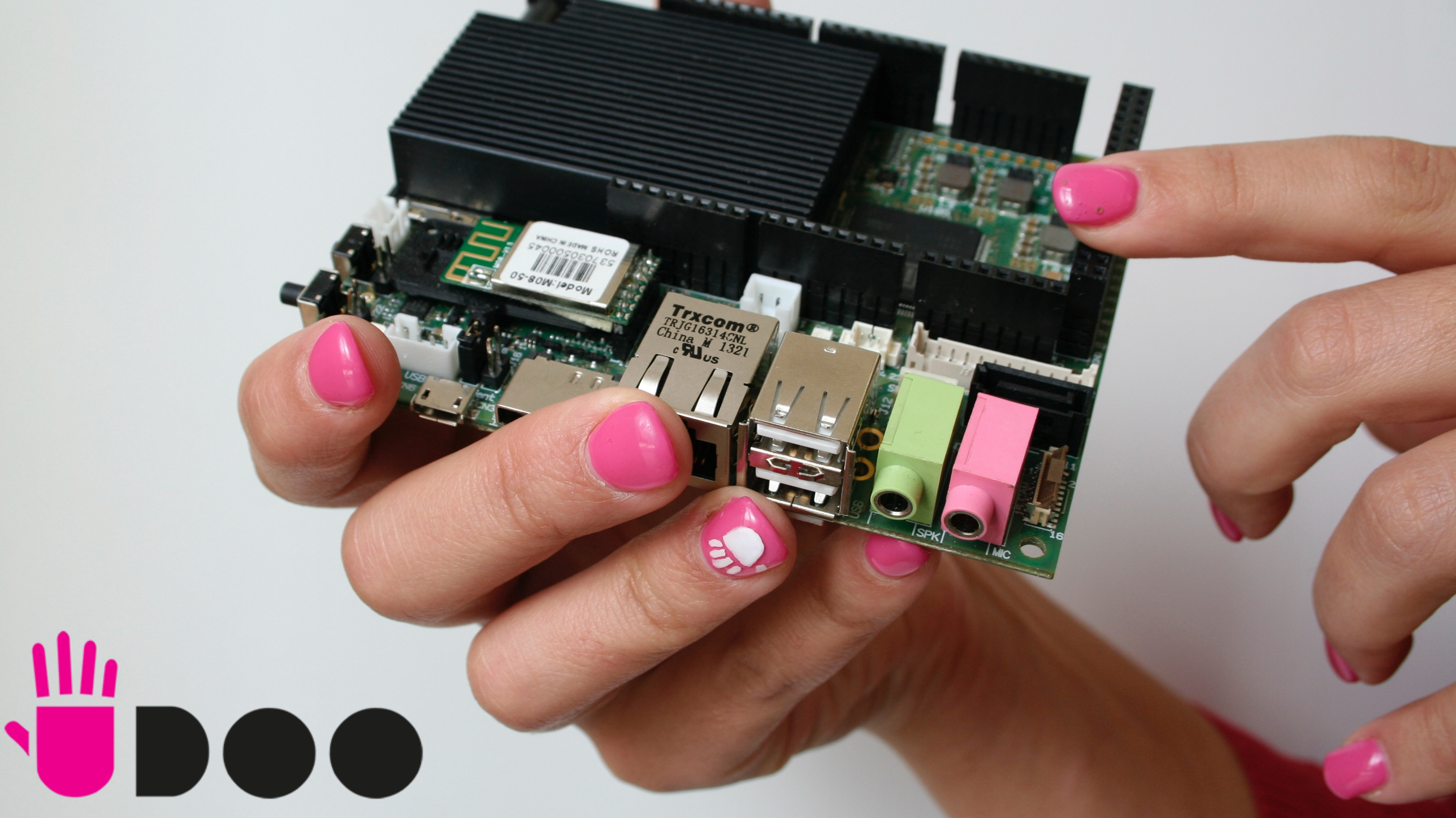


4,172
backers

$641,614
pledged of $27,000 goal

0
seconds to go

Funding period
Apr 9, 2013 - Jun 8, 2013 (60 days)

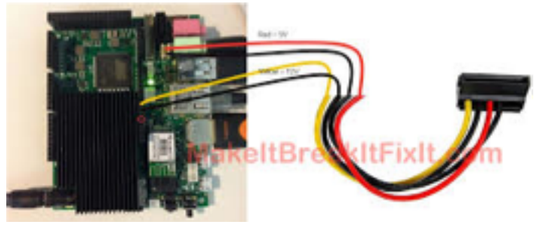
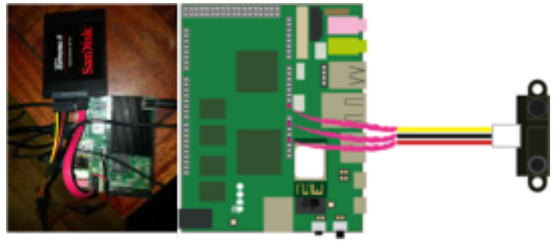
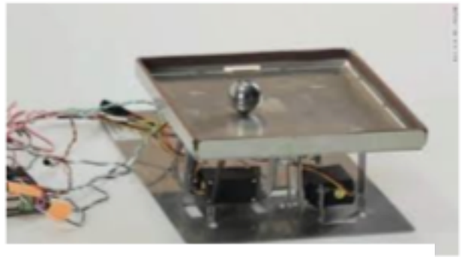

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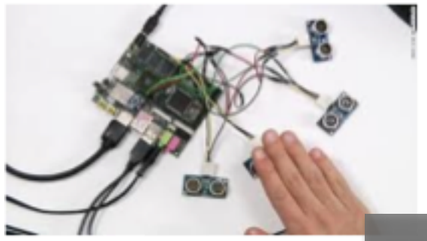
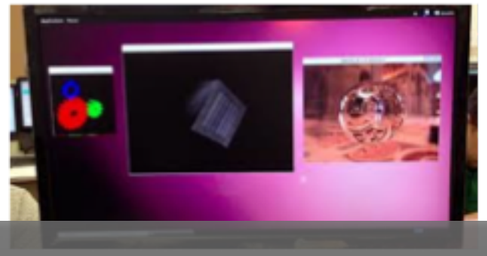
UDOO educational network

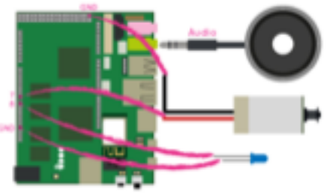
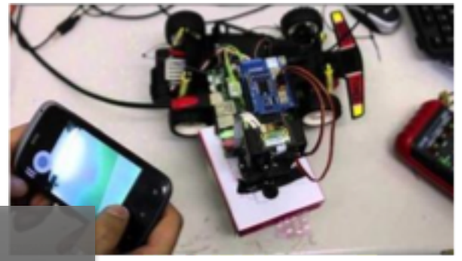
- Carnegie Mellon - Pittsburgh - USA
- SUPSI - FabLab Lugano - SWITZERLAND
- San diego University - USA
- Instituto Ensenyança Secundaria, Barcelona - SPAIN
- University of Vermont - USA
- University of Siena - ITALY
- Universita di Pisa - ITALY
- Ocad university - CANADA
- Aarhus University – DENMARK
- University of Singapore - Singapore
- University of Florence - ITALY
- Politecnico di Torino - ITALY
- Università di Roma La Sapienza - ITALY
- ESIEE Paris - FRANCE
- Scuola Superiore Sant'Anna Pisa - ITALY
- Politecnico di Milano - ITALY
- Politecnico di Milano - ITALY
- I.S.I.S. "Arturo Malignani" di Udine - ITALY
- University of California Berkeley – USA
- ITT - LSA Tito Sarrocchi di Siena – ITALY
- ITT - LSA Tito Sarrocchi di Siena - ITALY

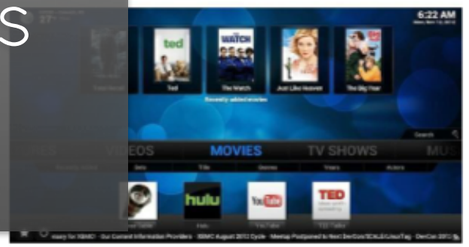
UDOO media network



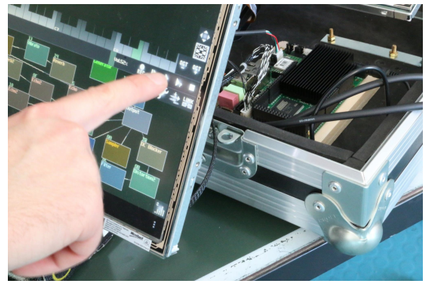




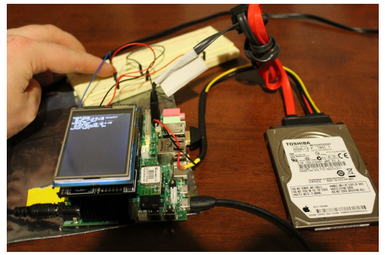
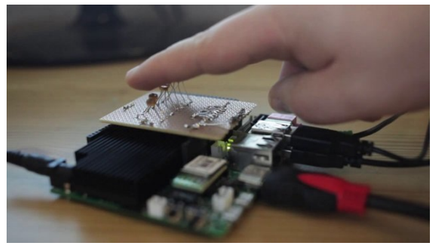
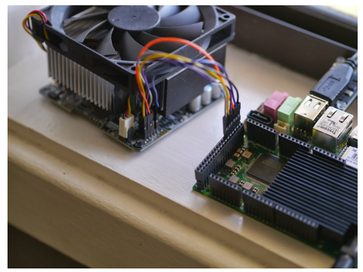











Thousands of highly interactive projects developed by the community

UDOO is partner of Lunar Rover Project

Carnegie Mellon University

Astrobotic Technology inc.



TubeCore Duo: smart tube-driven Bluetooth speaker



Say Hello to DUO

COMPUTER EMBEDDED, TUBE-DRIVEN, INTELLIGENT HOME AUDIO



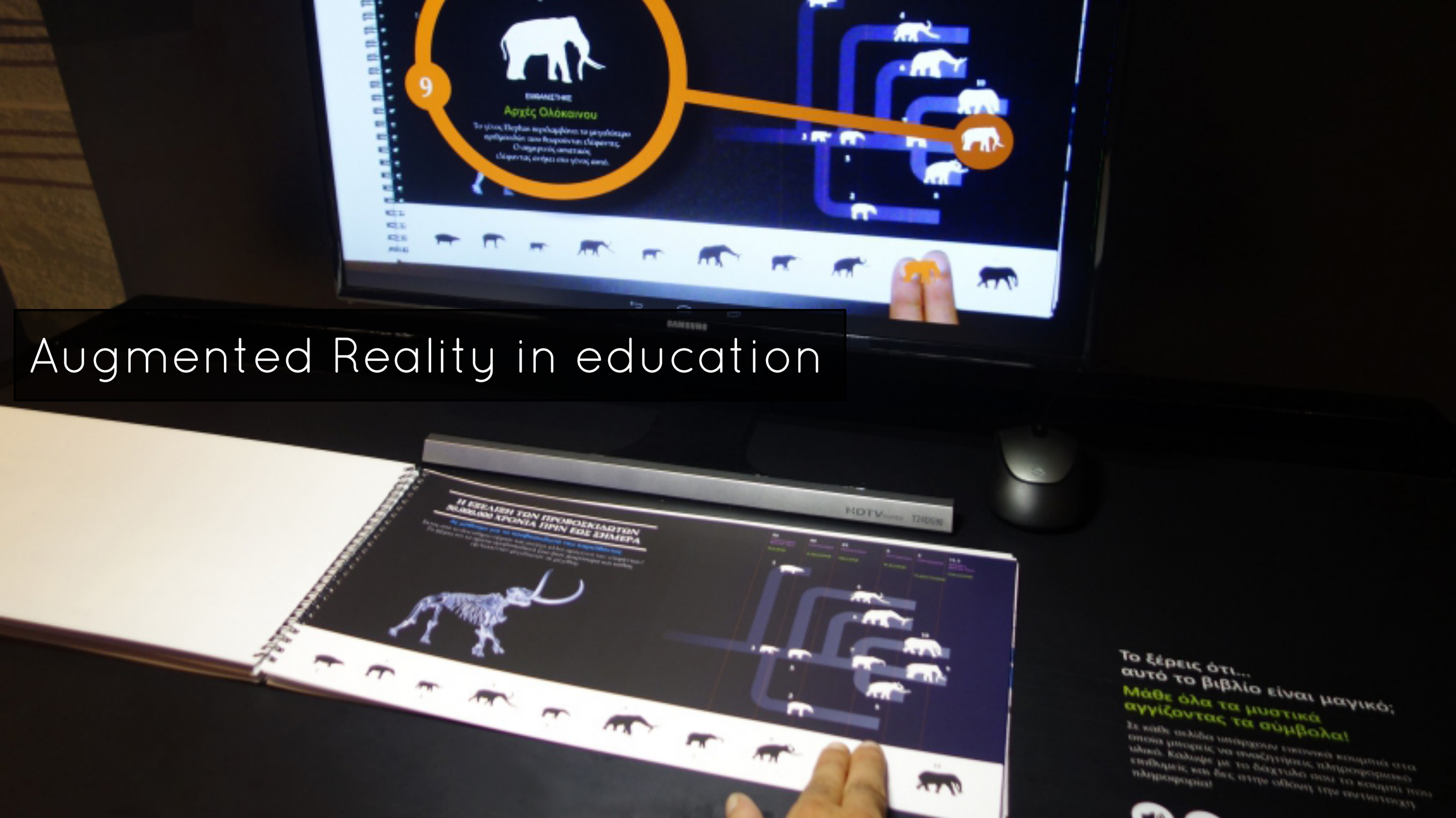
DUO is the only tube-powered bluetooth speaker, that's WiFi enabled, features an onboard computer that enables you to rock out to music on your phone, stream movies to your HD tv and even play games. DUO is the digital media master.

Check out all of DUO's features »

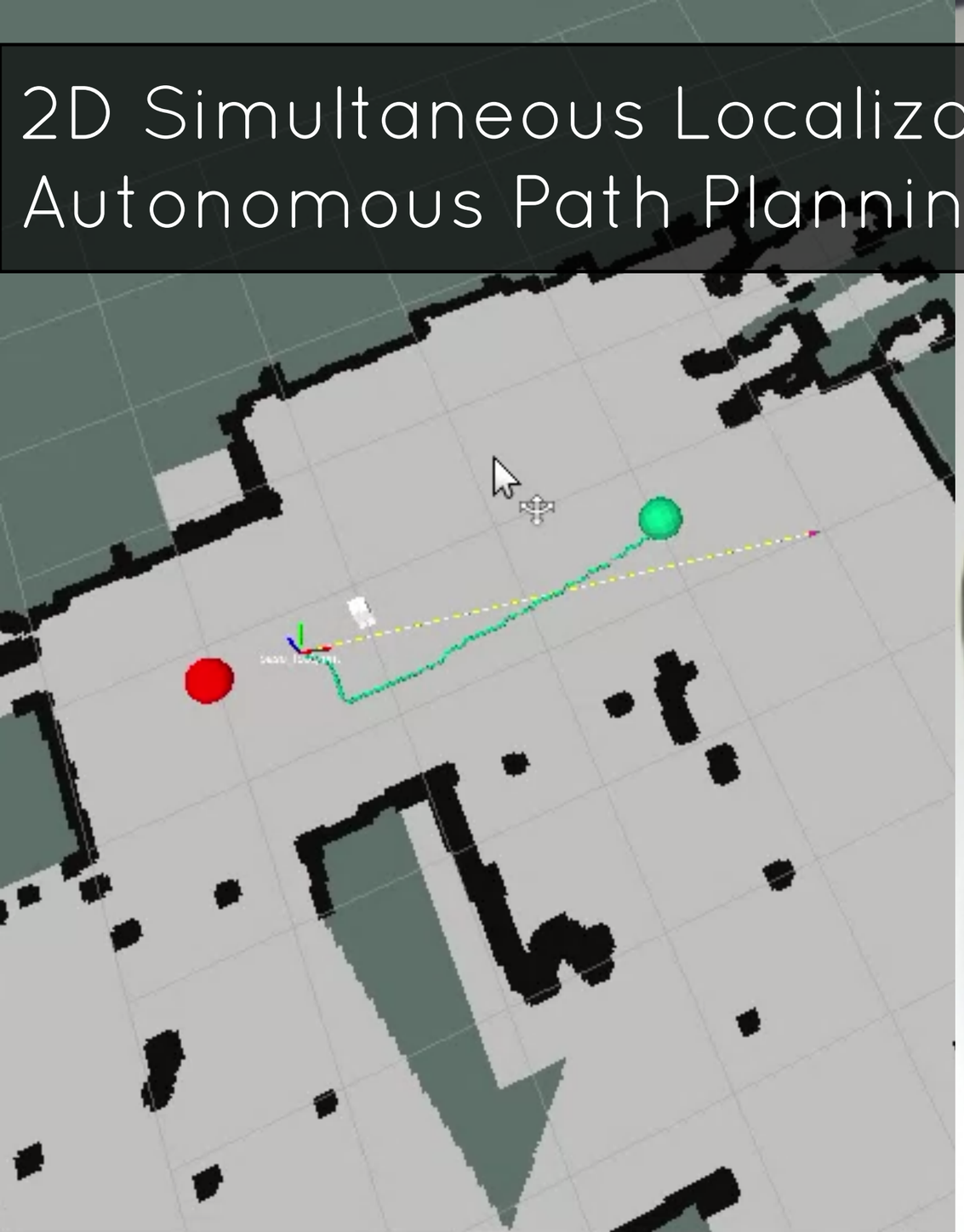
Manage an interactive museum with UDOO

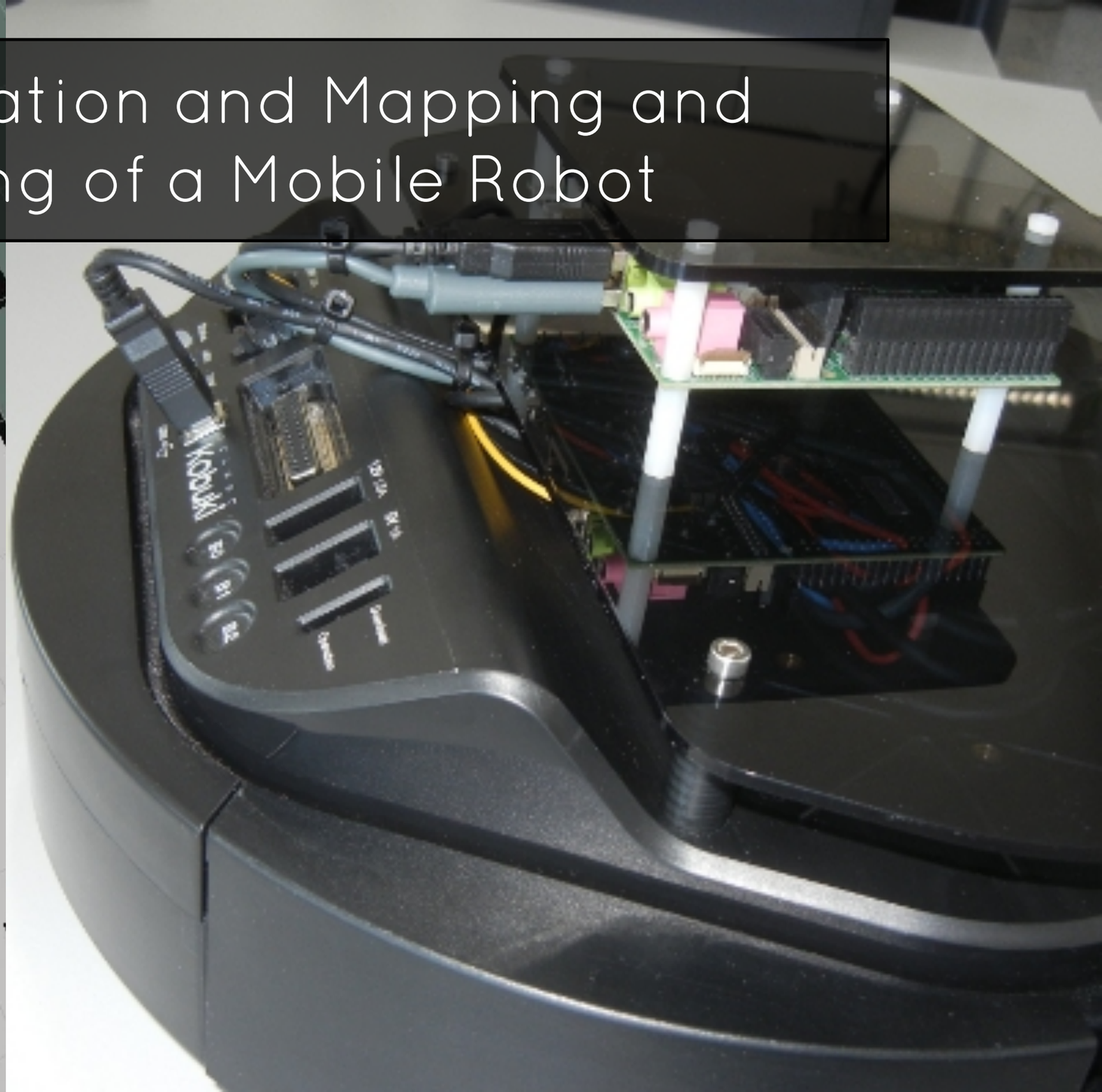


Augmented Reality in education



2D Simultaneous Localization and Mapping and Autonomous Path Planning of a Mobile Robot





System to produce various alcoholic cocktails

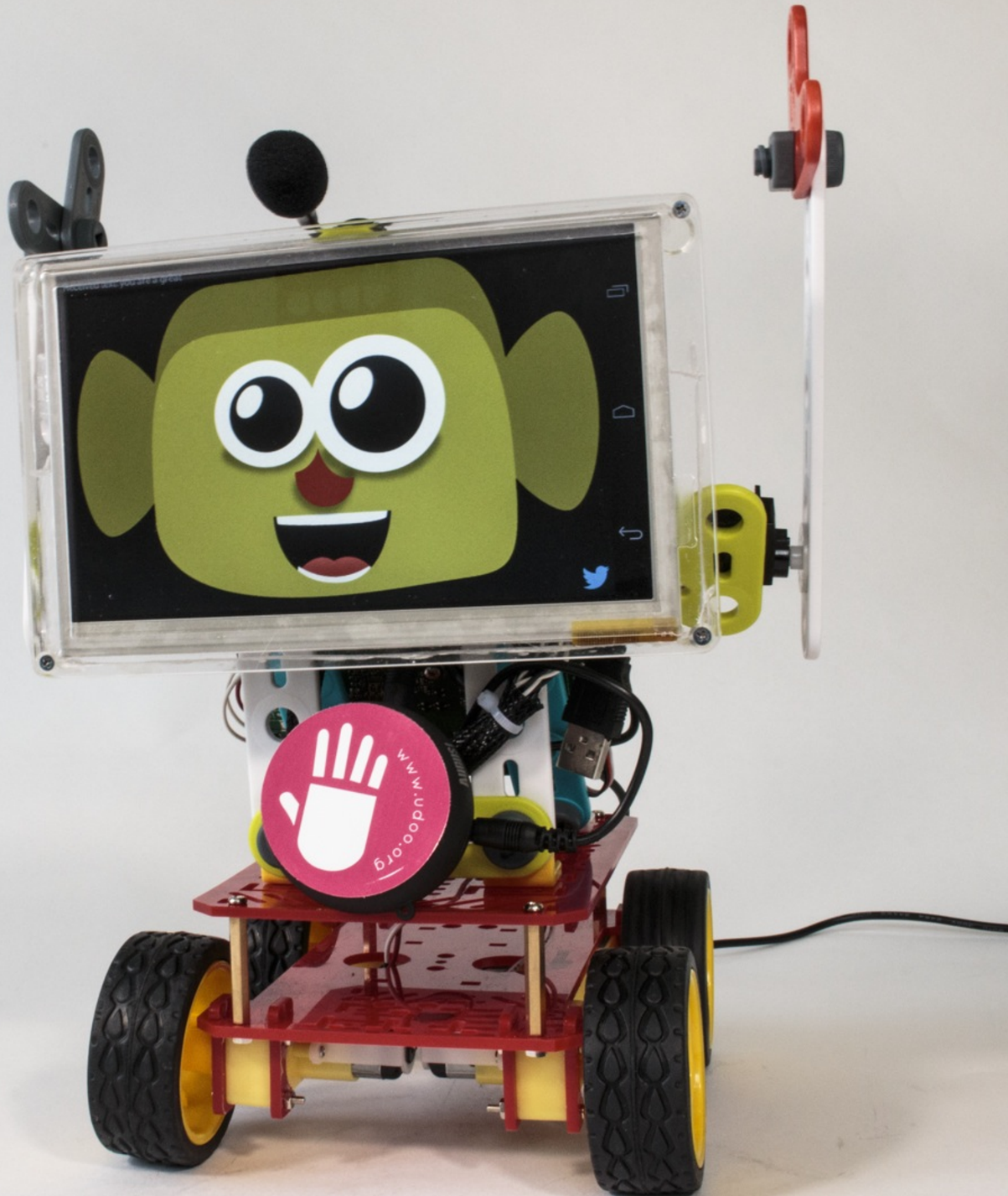


CarPC Android – Android board computer for vehicles

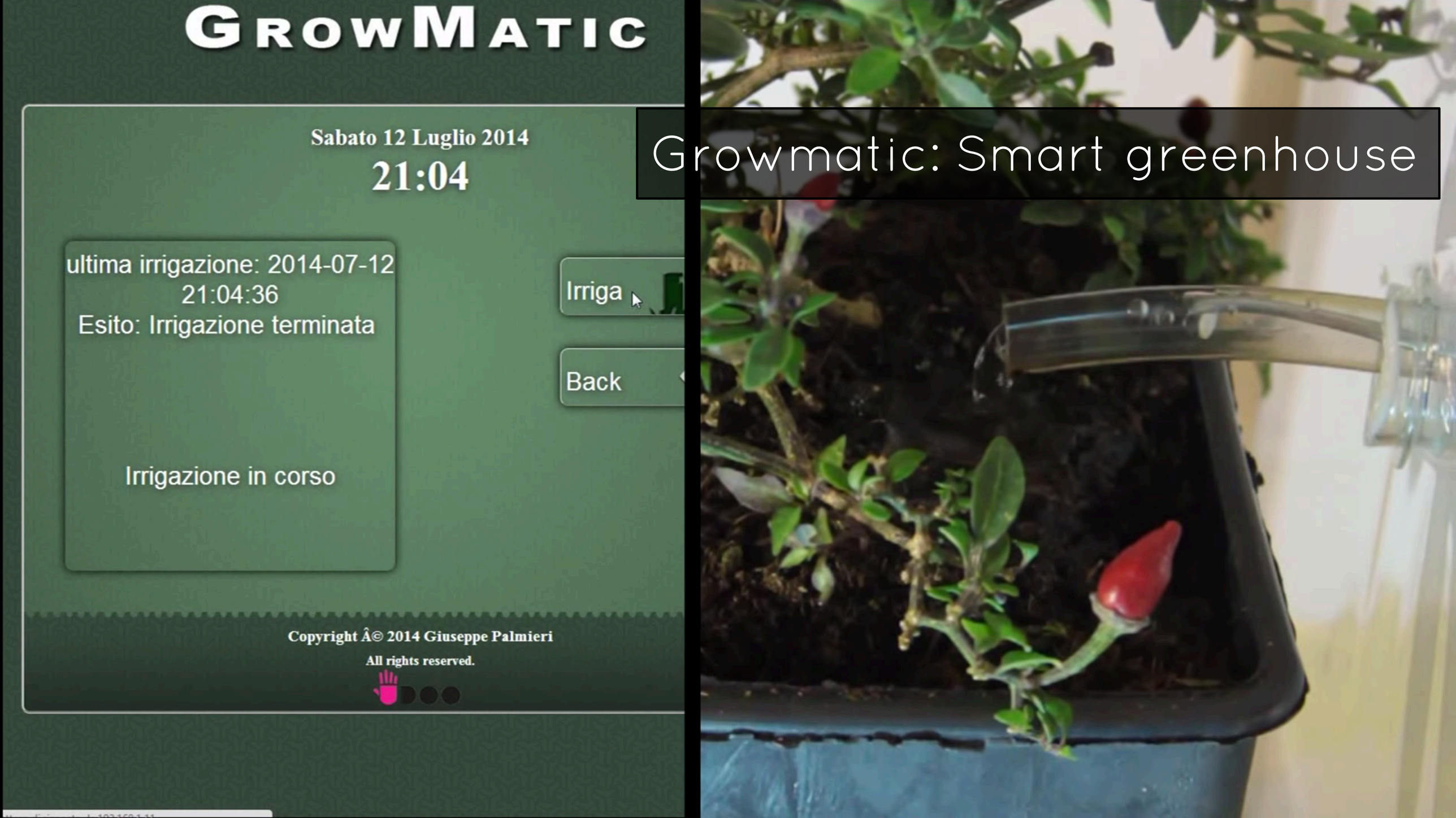



HAAMAHA
UDOO Theremin
http://www.hackster.io/mikelangeloz/udoo-theremin

Mario: Android Robot powered by UDOO

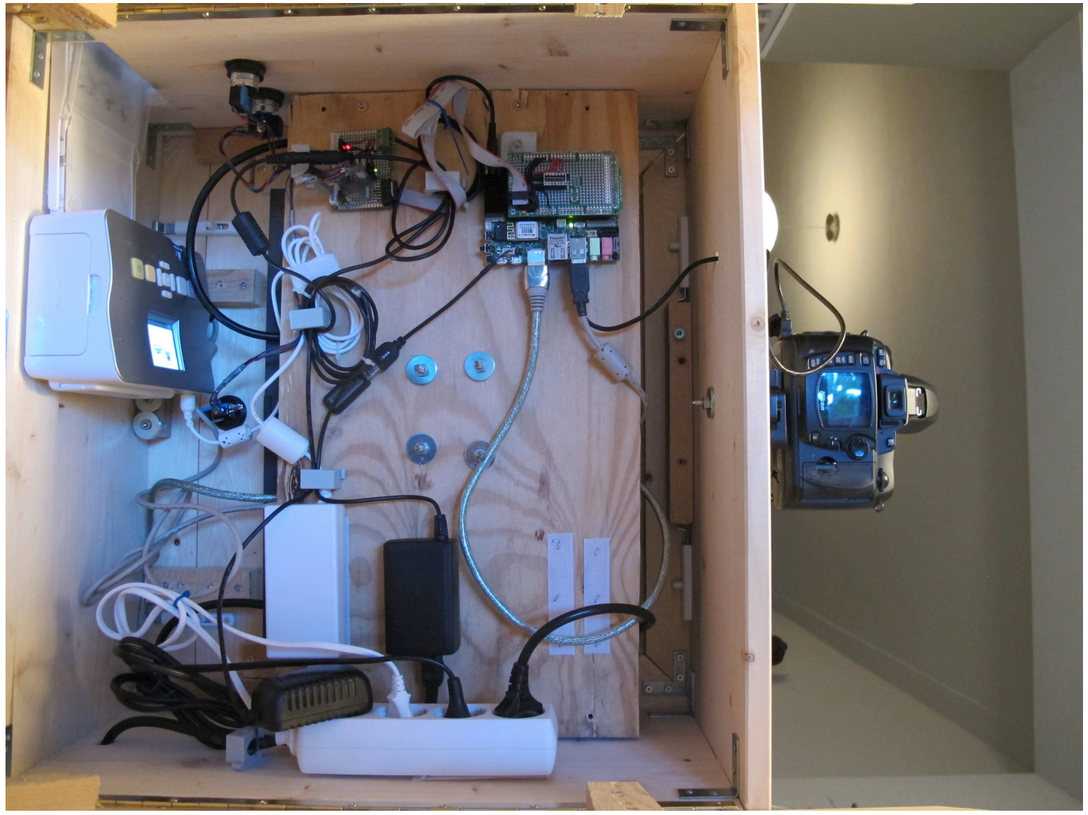



World's biggest arcade joystick

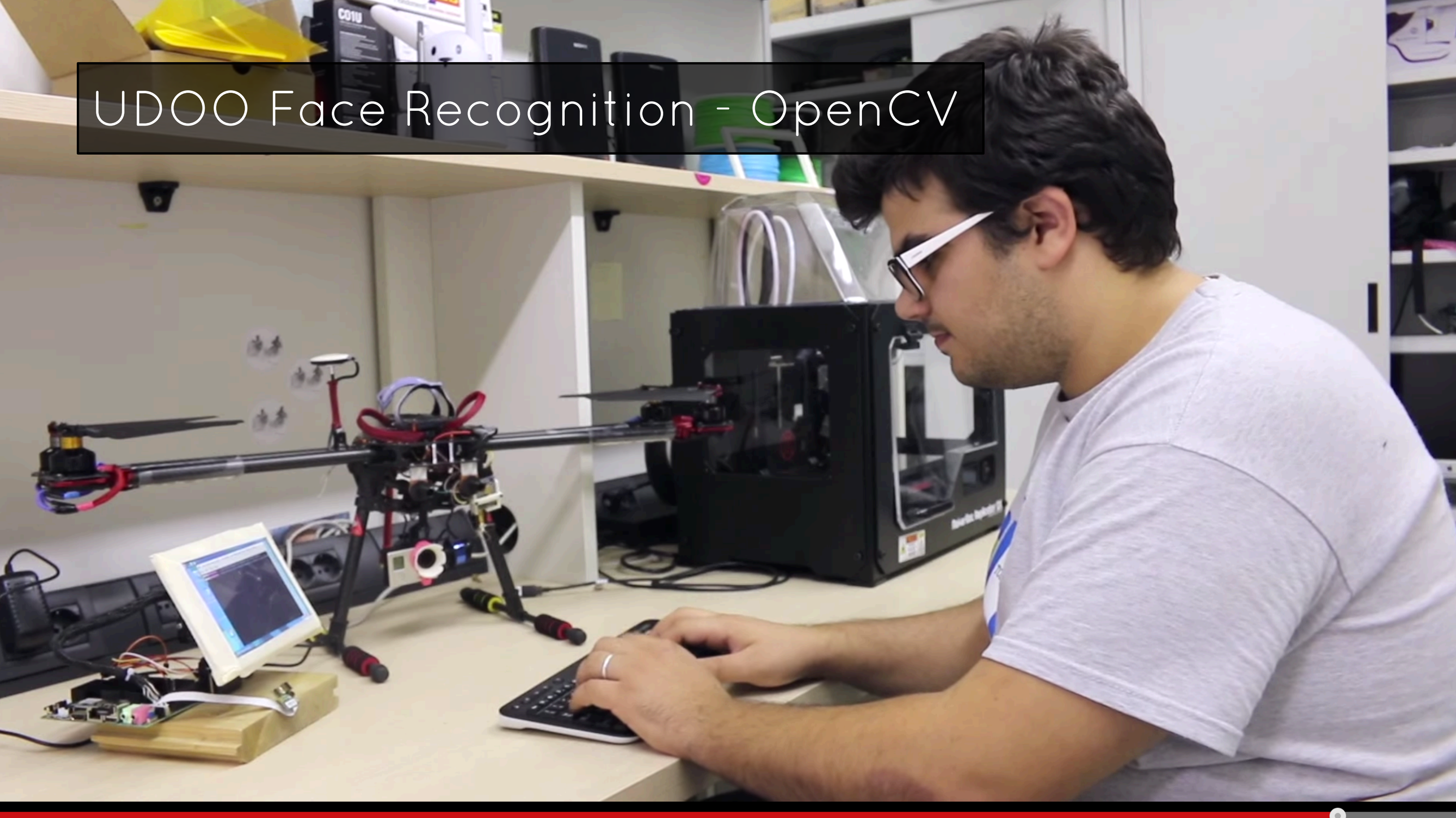

GrowMatic
Sabato 12 Luglio 2014
21:04
ultima irrigazione: 2014-07-12 21:04:36
Esito: Irrigazione terminata
Irriga
Back
Irrigazione in corso
Copyright Â© 2014 Giuseppe Palmieri
All rights reserved.
Growmatic: Smart greenhouse

UDOO DSLR Photobooth

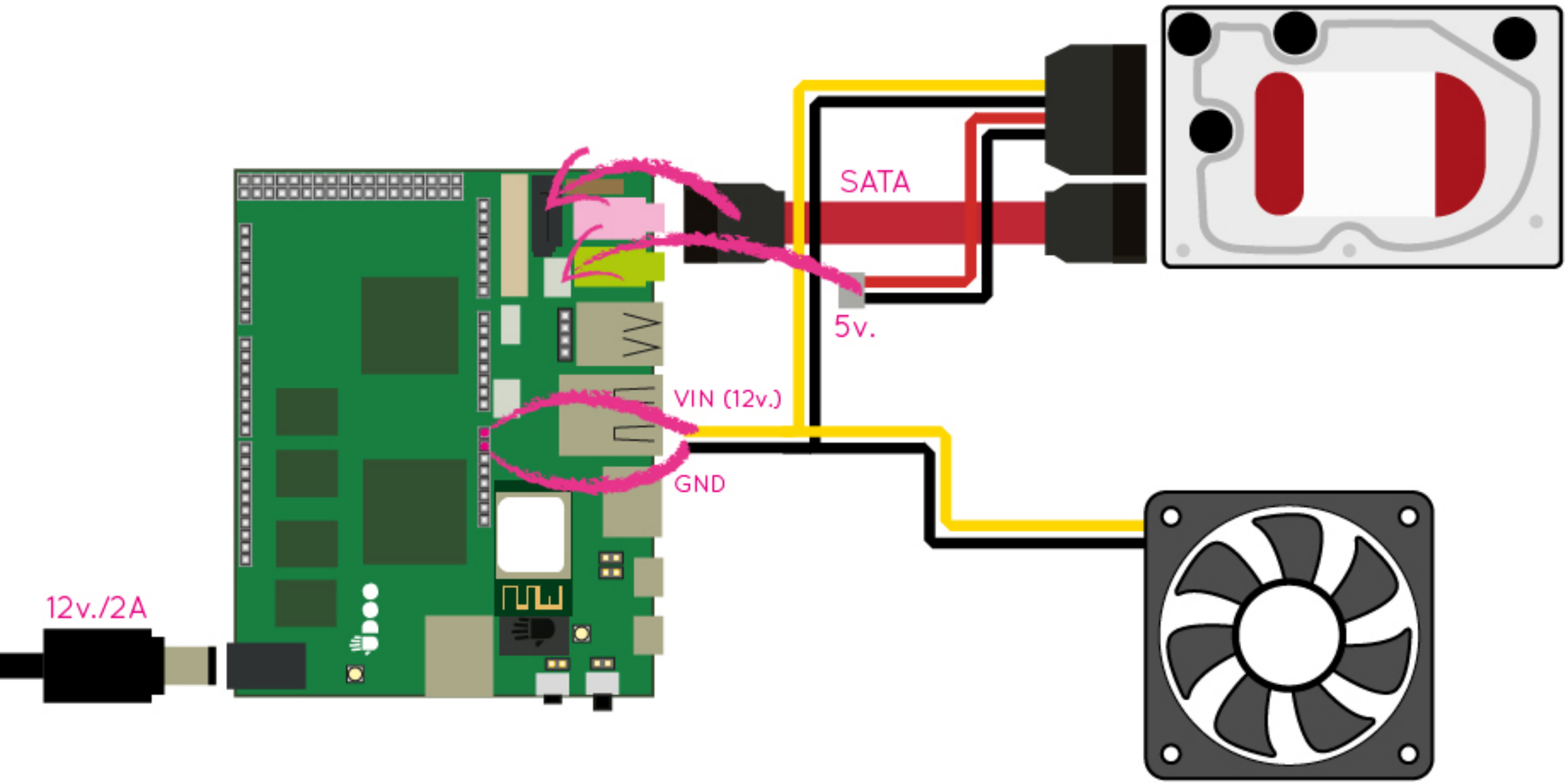




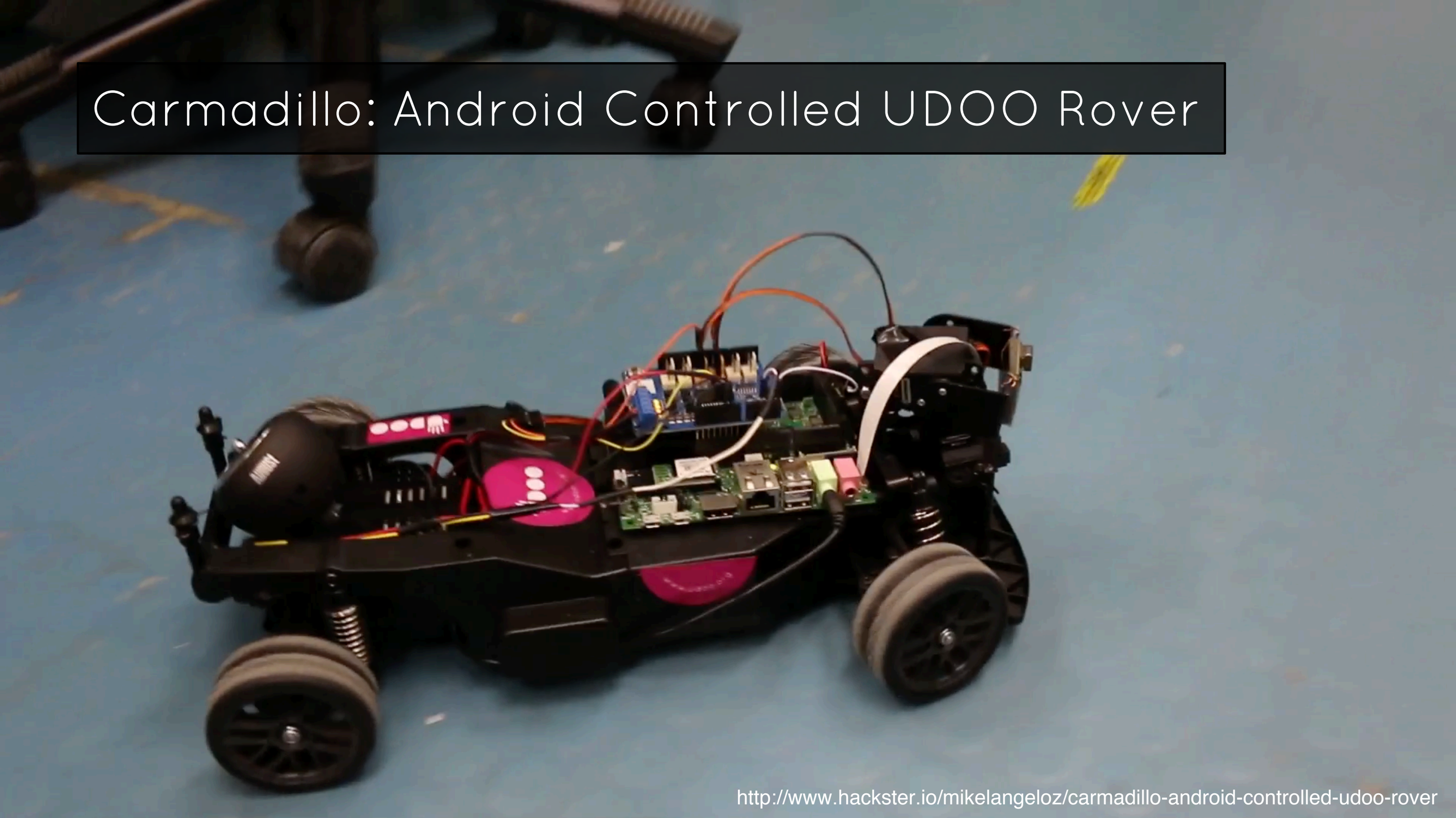
UDOO Face Recognition - OpenCV



Unas - Nerd's favourite Network Attached Storage



Carmadillo: Android Controlled UDOO Rover



http://www.hackster.io/mikelangeloz/carmadillo-android-controlled-udoo-rover

Internet of Things Remote Sensing





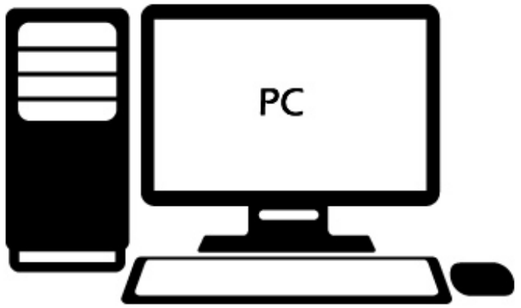
Hub

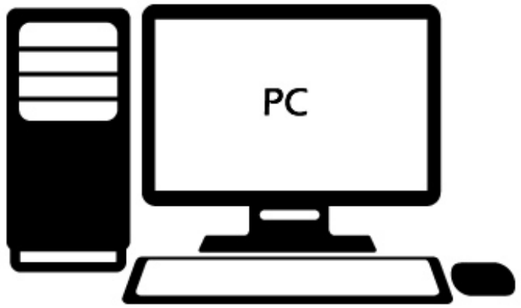
INTERNET
OF
THINGS
REMOTE SENSING

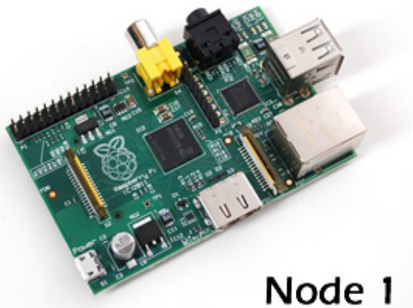




UAV with
Wi-Fi SD







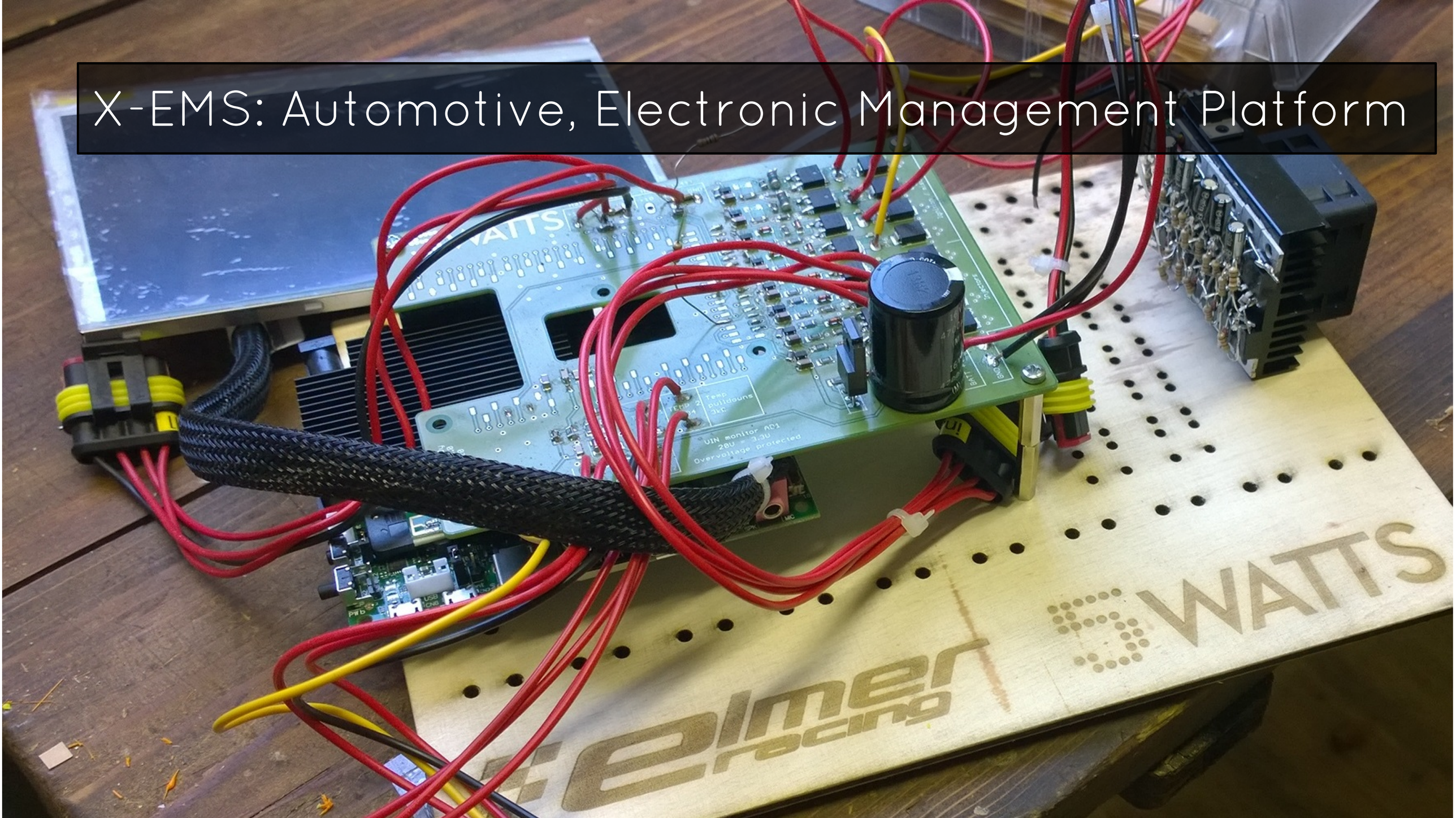
Node 1



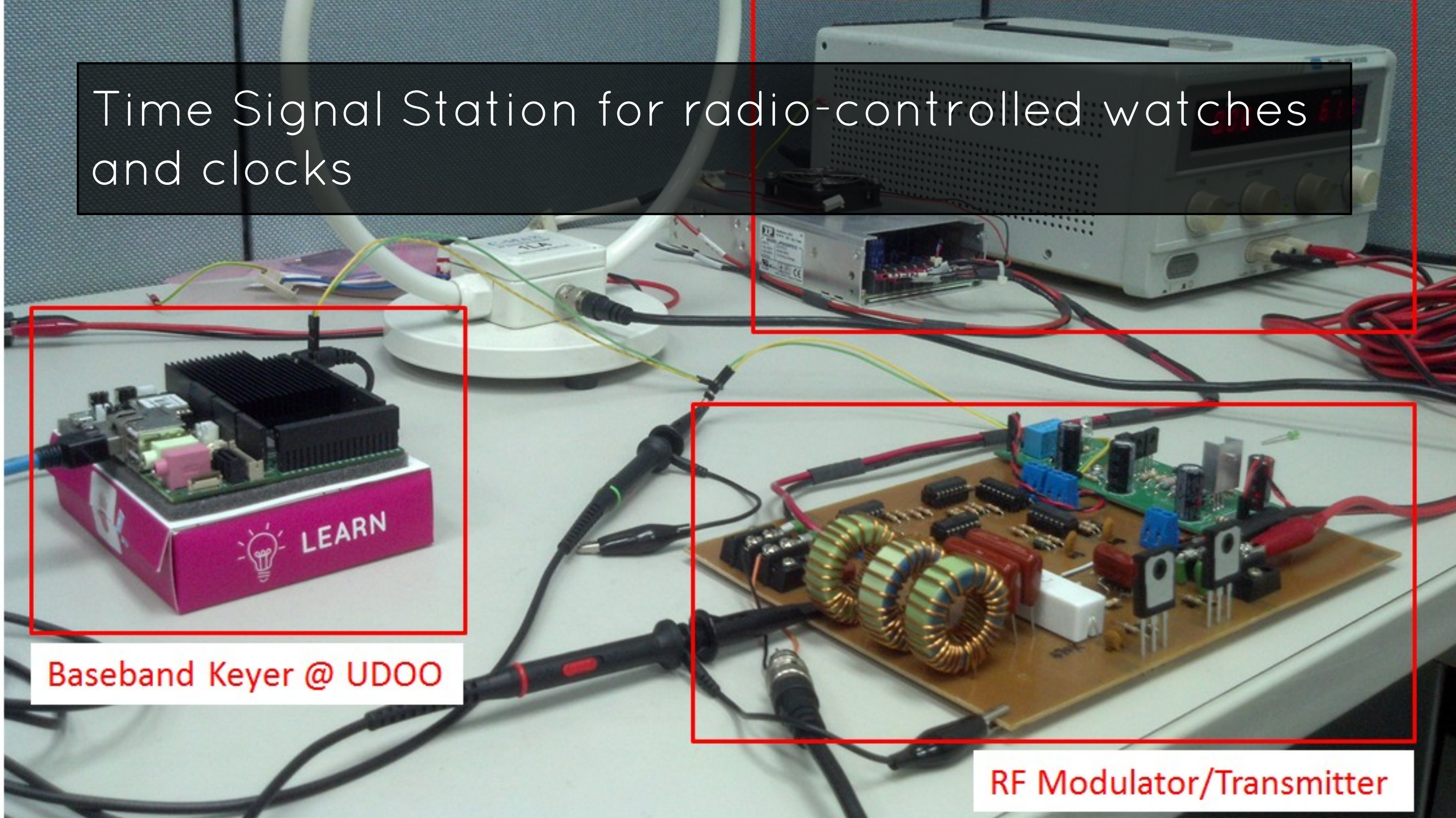
Node 2

UNIVERSITY OF
Southampton

X-EMS: Automotive, Electronic Management Platform



Time Signal Station for radio-controlled watches and clocks



Baseband Keyer @ UDOO

RF Modulator/Transmitter

10.1" LCD PANEL PC

BASED ON UDOO SINGLE-BOARD

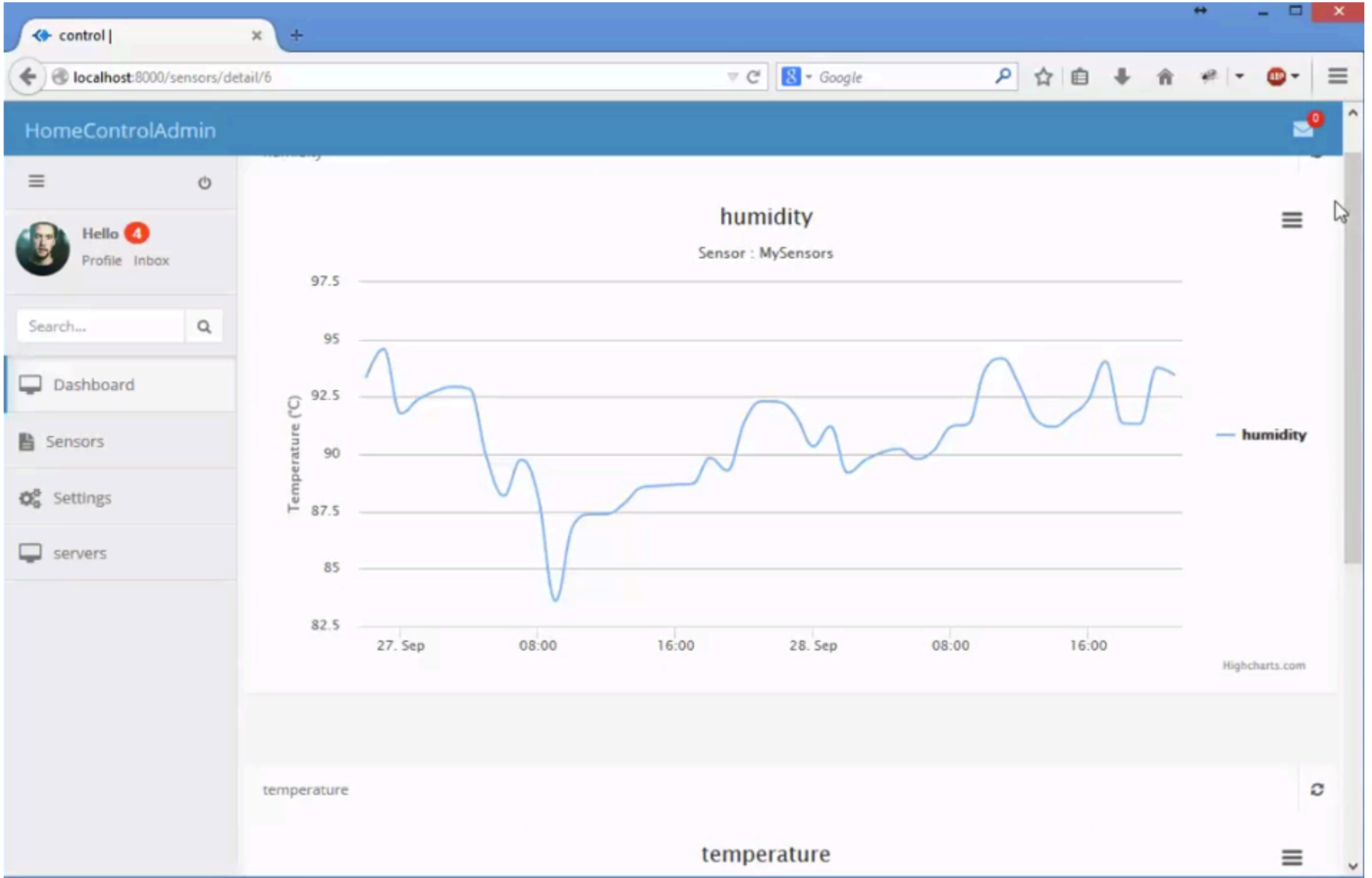


Freedomotic Open Source Building Automation

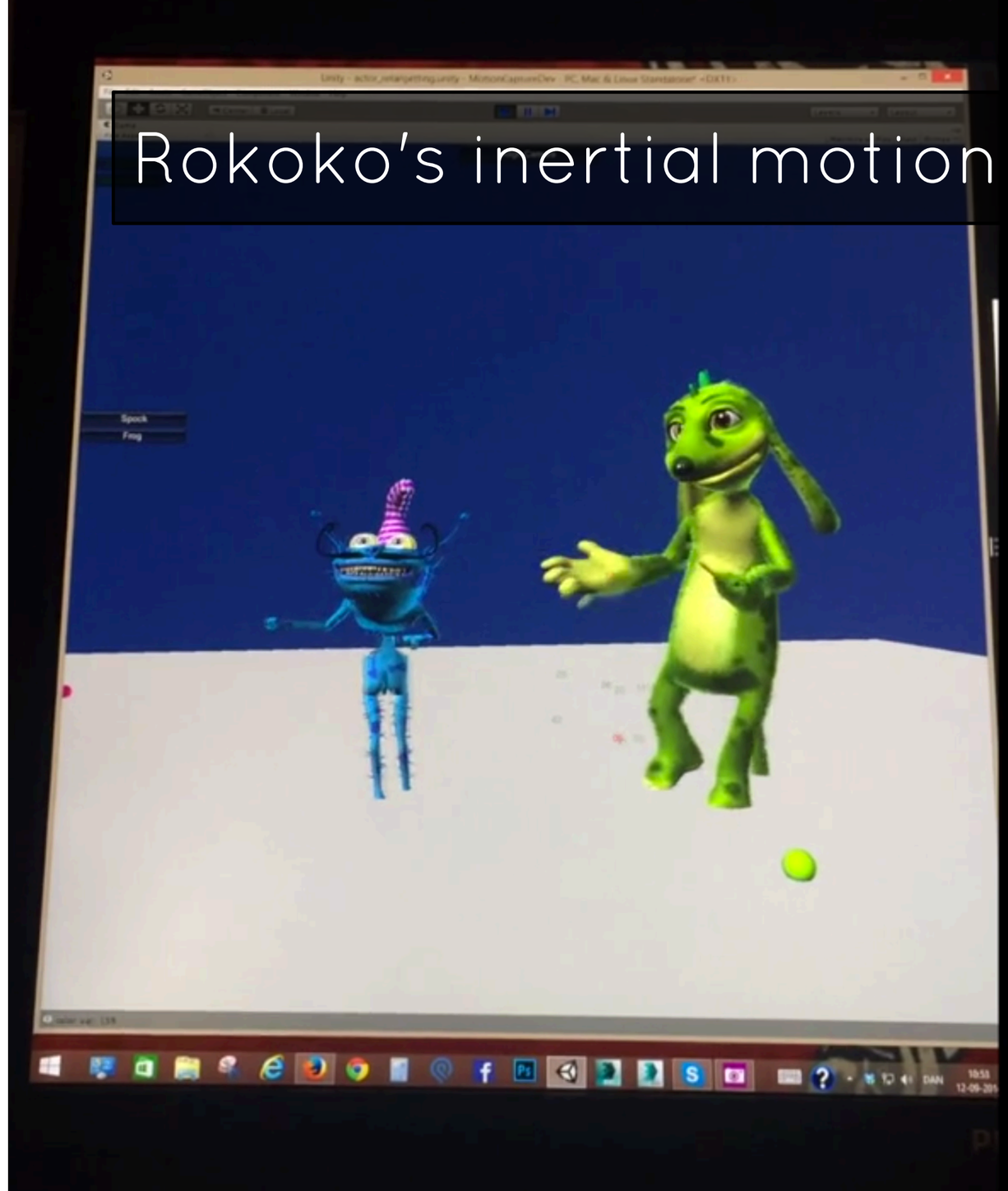




HomeController: home automation system



Rokoko's inertial motion capture system





wxPosam- waste collection station



Scheduled Bells

Exceptions Schedules Programs

Bells control system

Summer Workdays

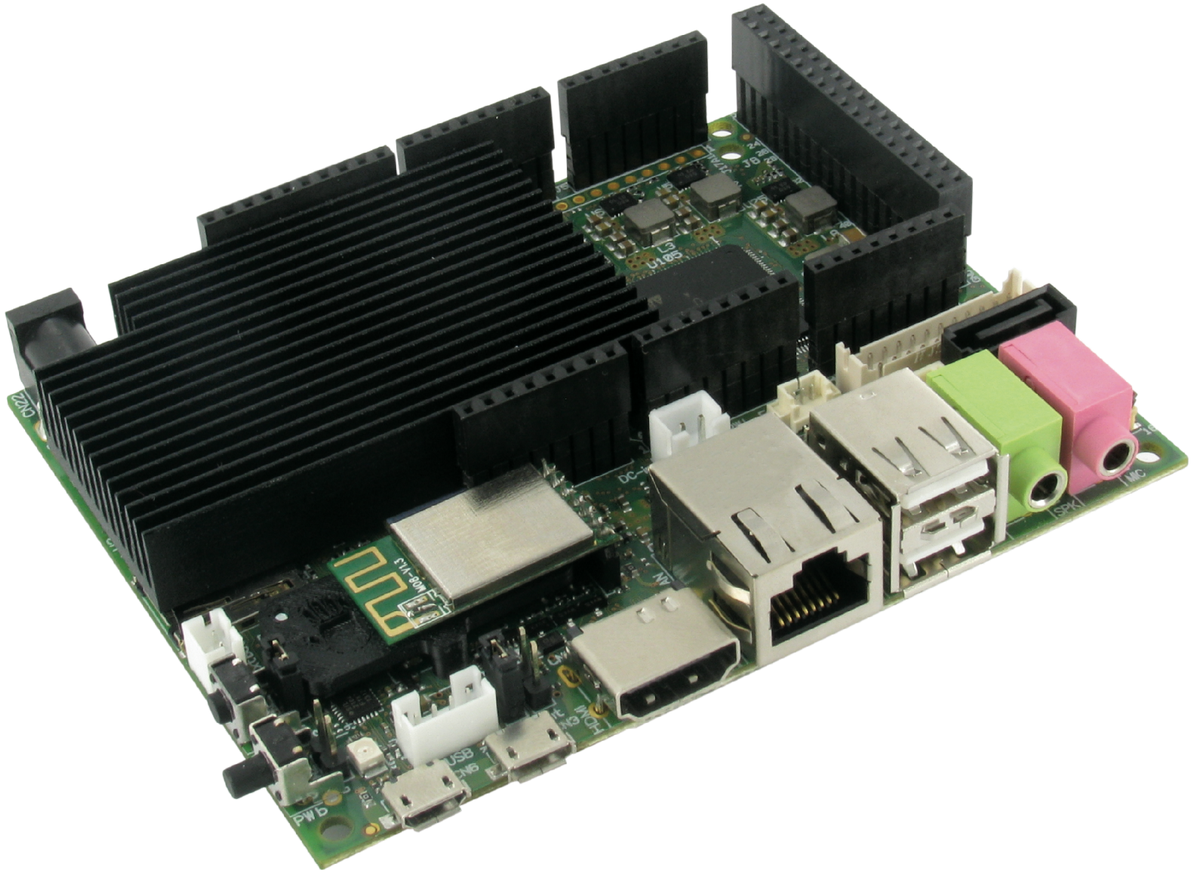
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16:50:00	ring_out.ogg	Edit

Edit Create item

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Thanks!

www.udoo.org

Maurizio Caporali
Maurizio.caporali@udoo.org