

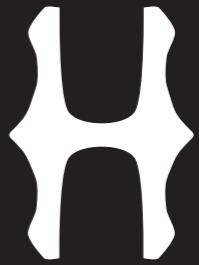
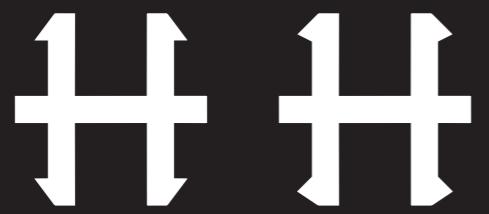
# Photoframe camera and Connector

or H-Connector or Connector X

Aalto Fablab 2012  
Valtteri Wikström

# What's that connector

- Laser cut connector
- To use for any purpose of connecting several units together
- Prototyping
- 8x3mm hole



Stages of connector

# It works

- Earlier models were fragile
- Newest one can still be improved
- But it works!



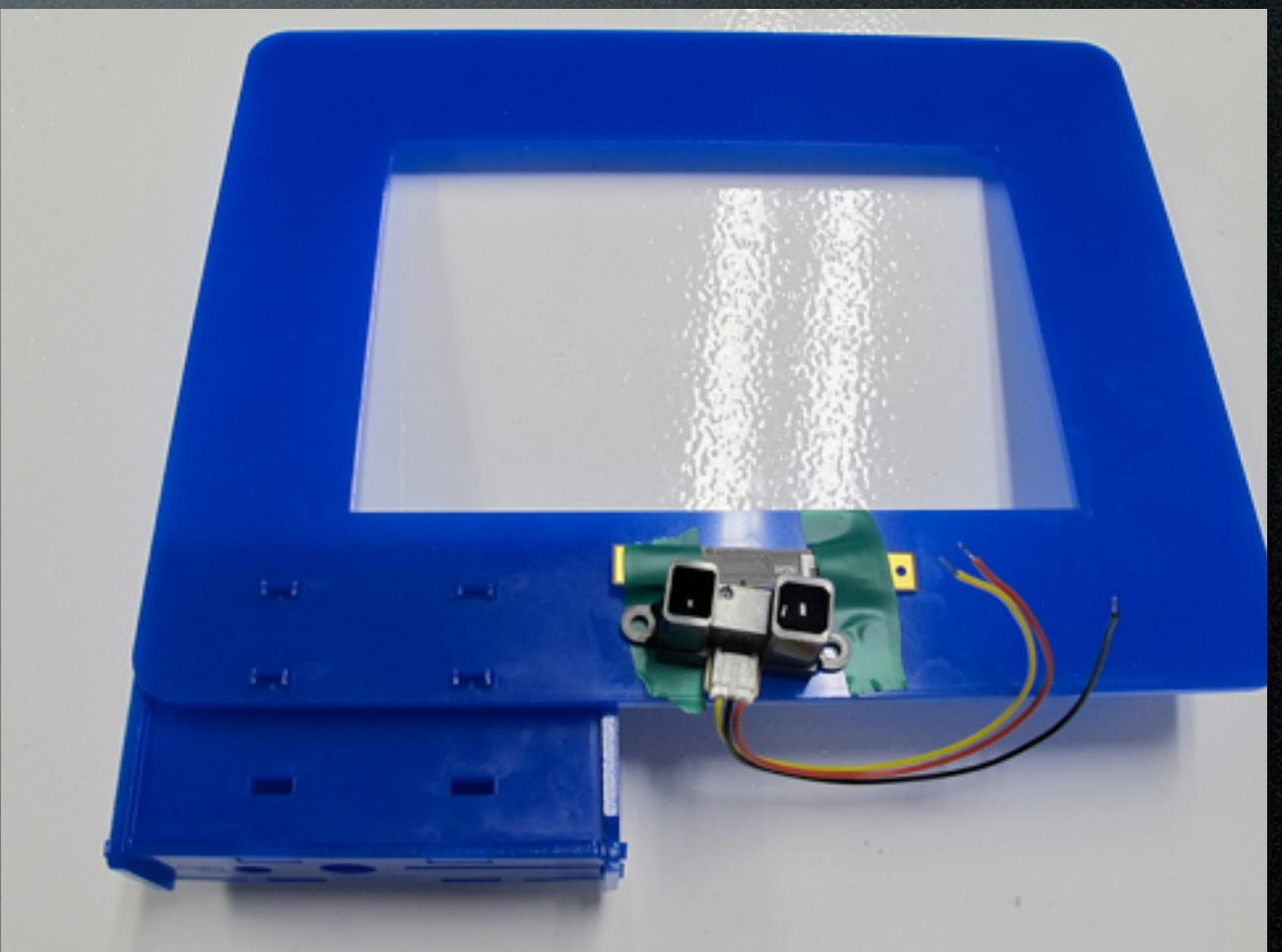
# What's the photoframe camera?

- A big viewfinder for taking pictures
- Resembles a photoframe
- “10x15cm photo’s”
- Raspberry Pi
- Recycled laptop webcam to take photos
- Distance sensor for cropping



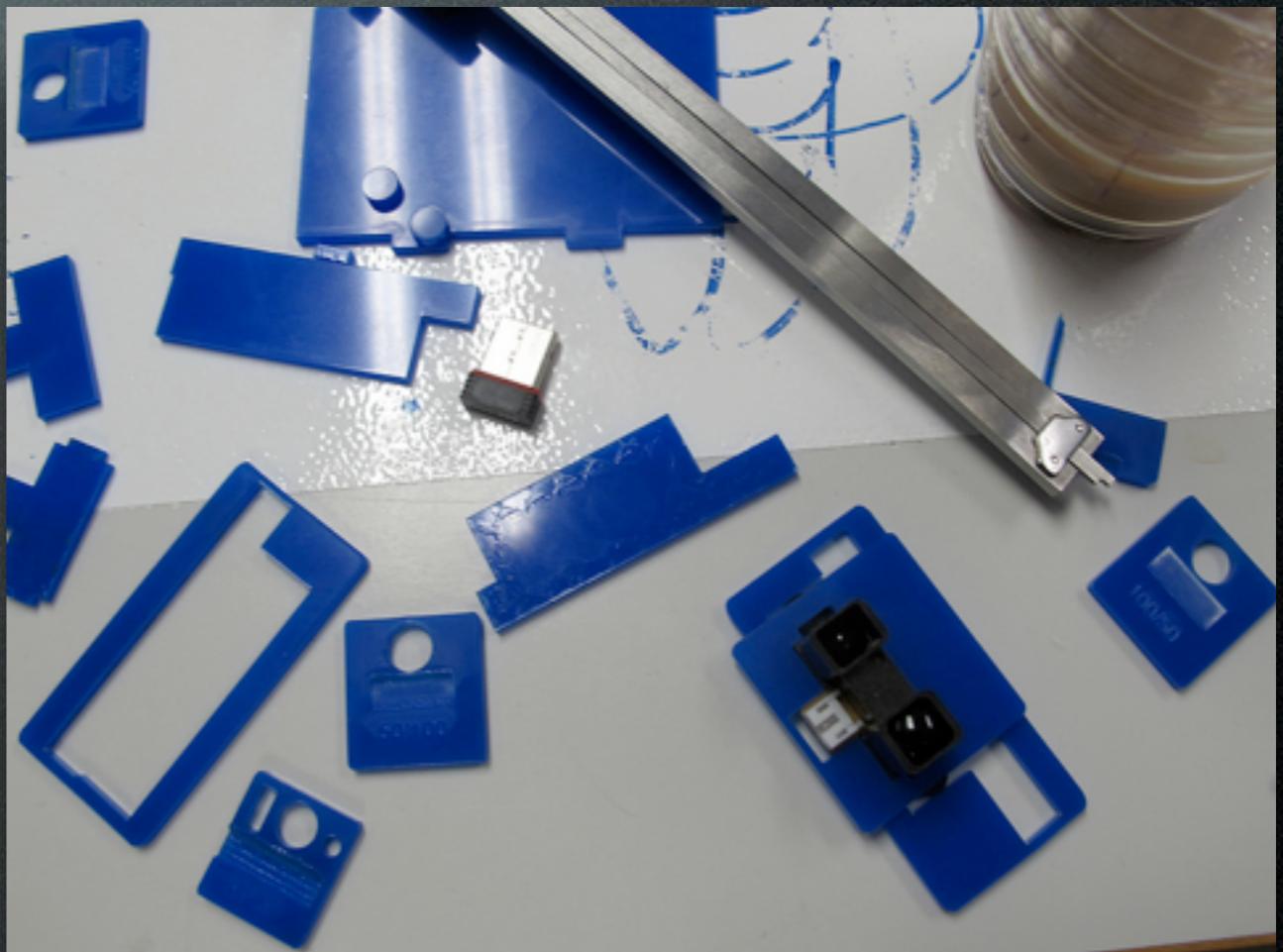
# Testing the frame

- It was important to have a frame to test with
- This was before the final sandwich structure was designed
- Calibration, coding, stupid webcam



# Prototyping

- Testing every hole and structure by themselves
- Saves a lot of acrylic





# Sandwich