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# FPGA Air Brush

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# Overview



In one sentence...

We are creating a hardware-based drawing application which used human hand gestures as inputs to control the position and stroke style of a simulated paint brush.

# Features

Default Features

X & Y Position  
Tracking

Erase

Save / Load  
Drawing

Brush  
Thickness

Brush Color

Later Implementation

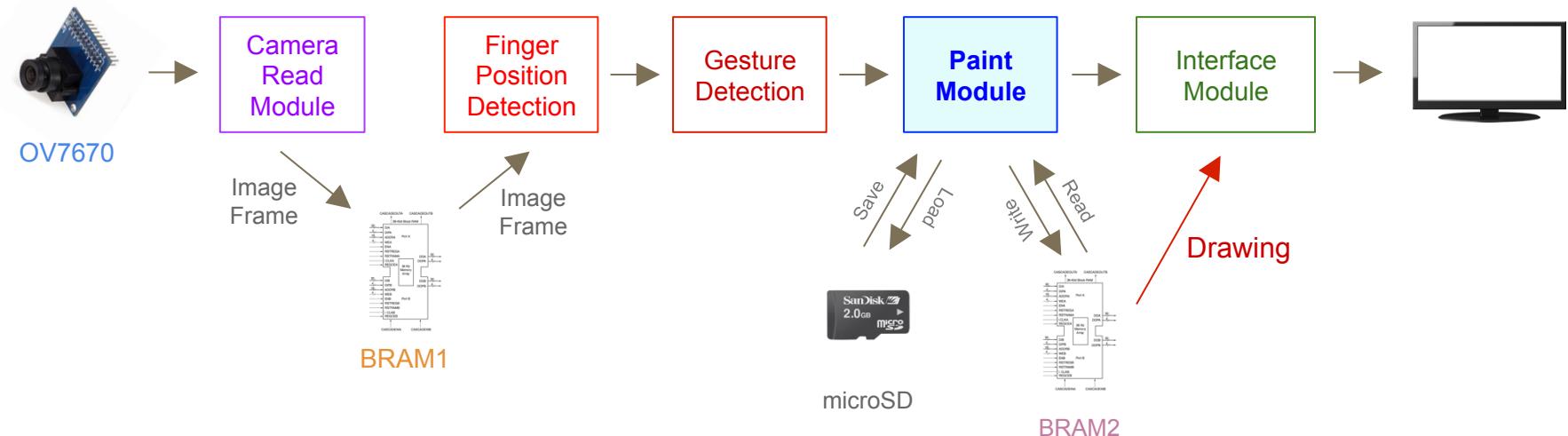
Brush Opacity

Sprite Strokes

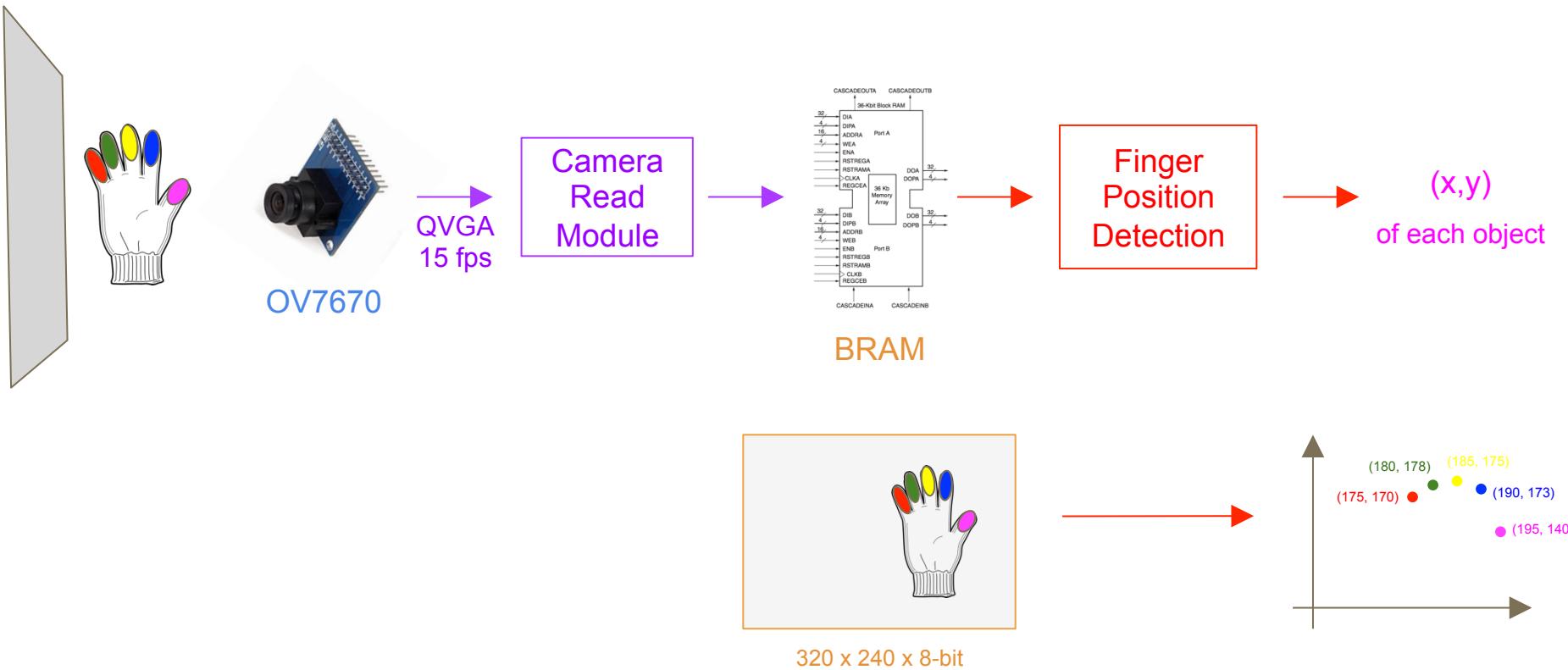
Easter Egg  
Game

Multi-Player

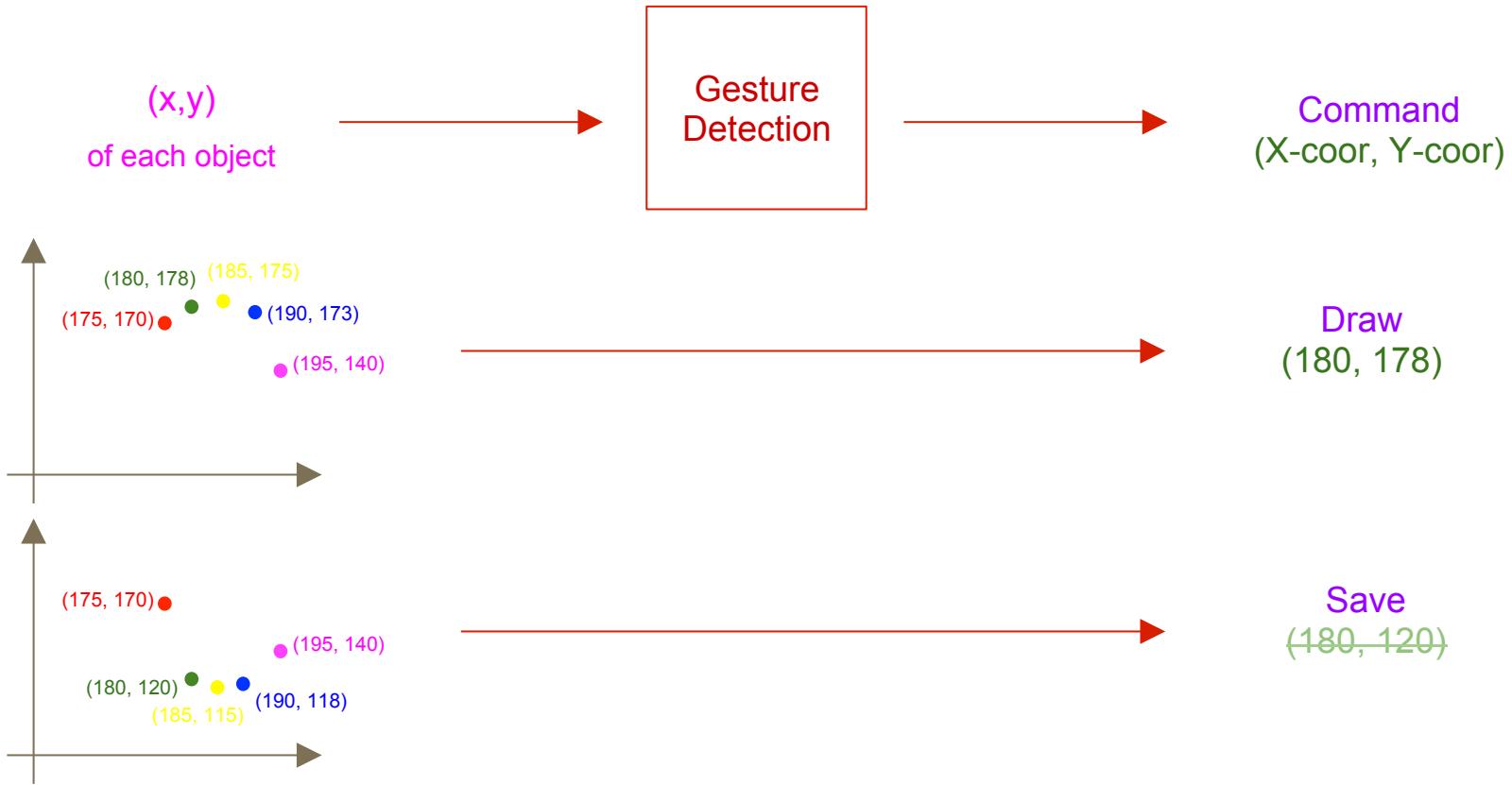
# Overview



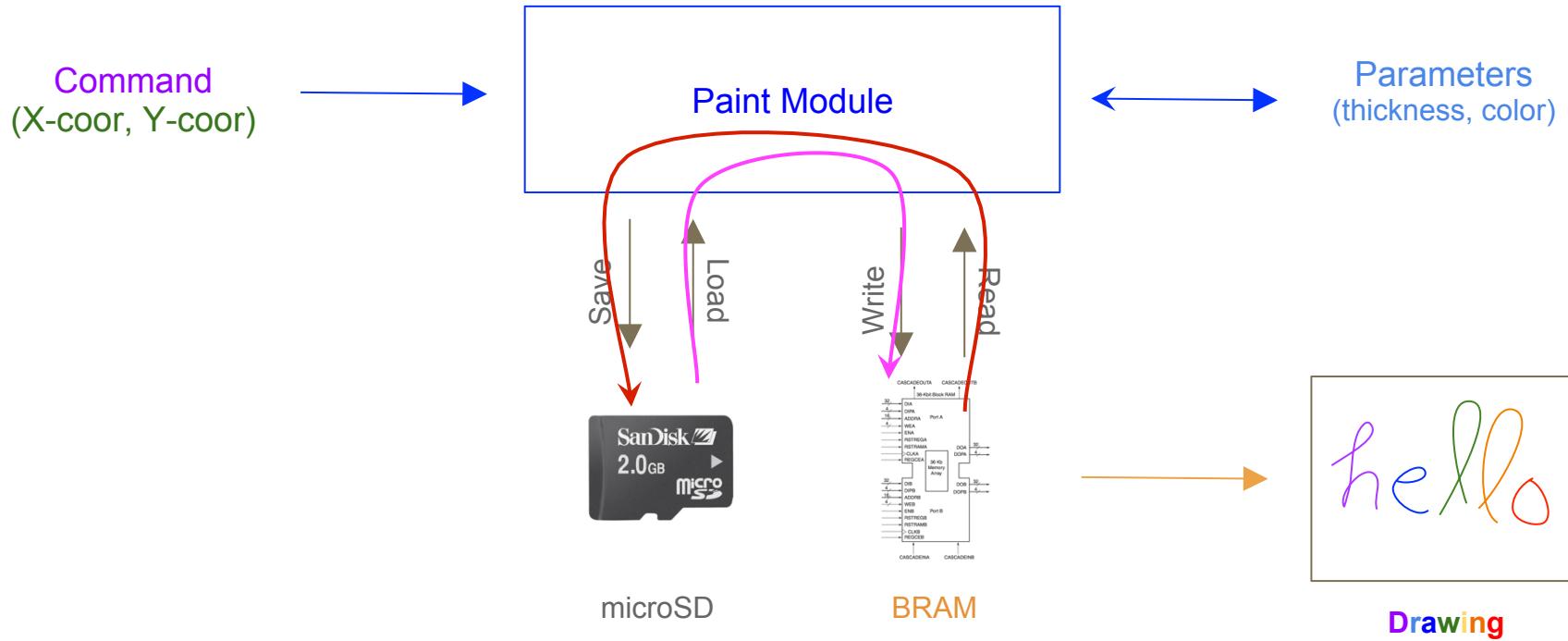
# Image Processing



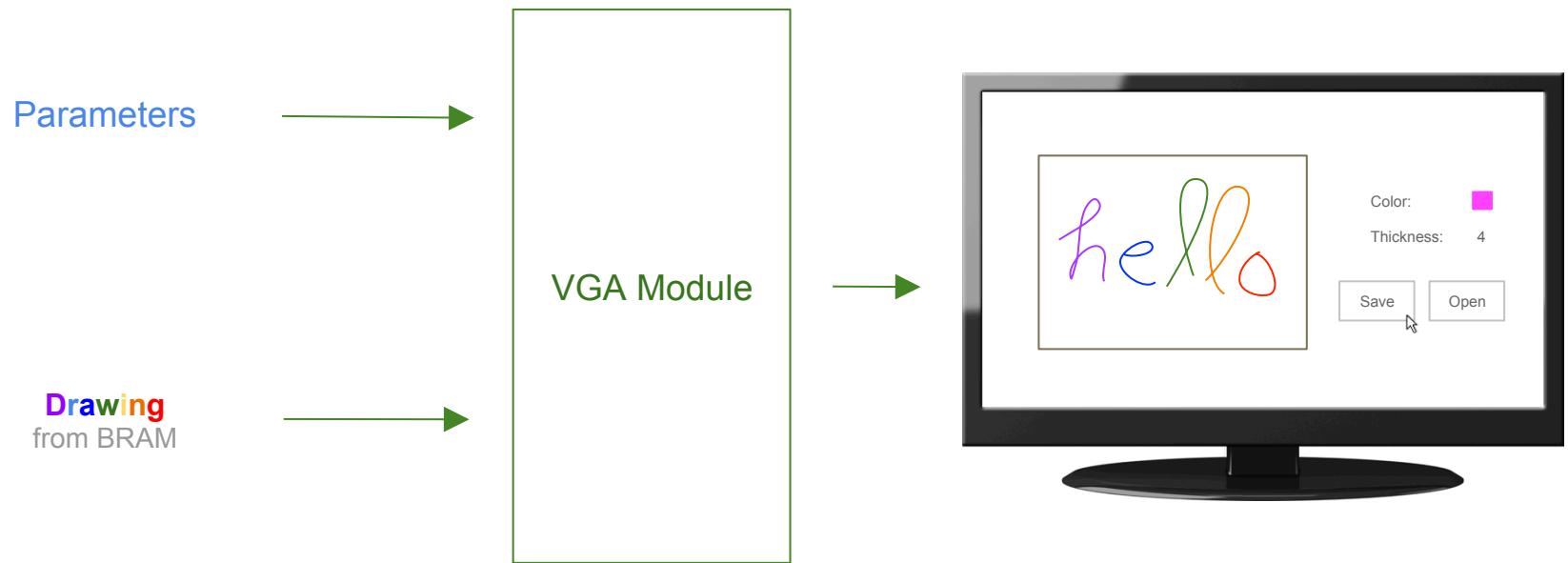
# Gesture Detection



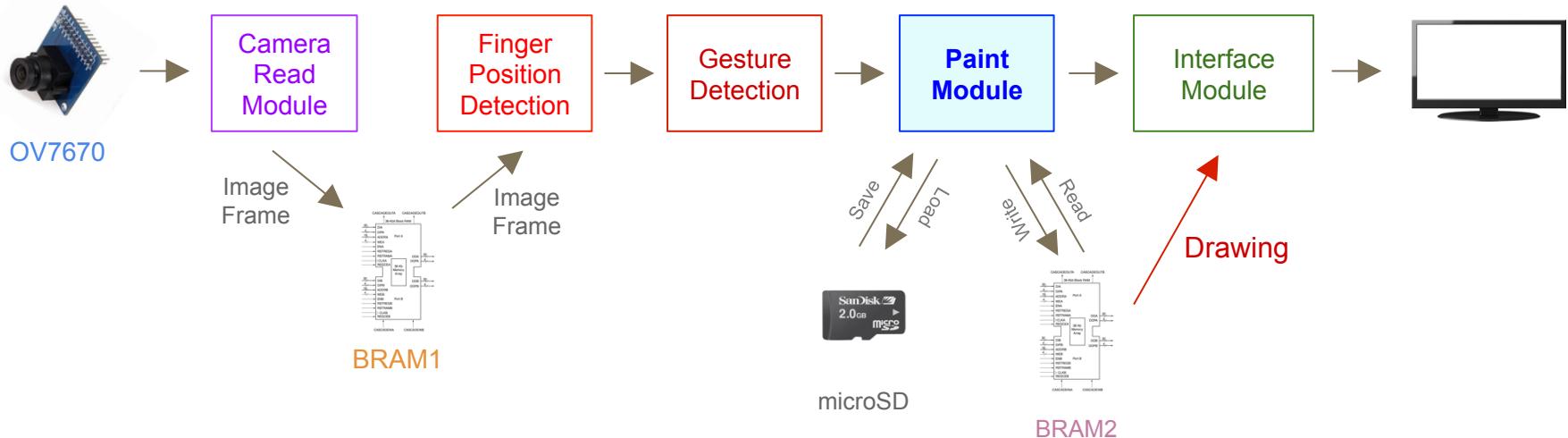
# Paint Module



# Graphical Interface



# AirBrush 1.0



# Demo

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