

ctech hardware list

wintersemester 2018

Keith McMillen KMix

- A mixer (to record sound)
- An audio interface (to output sound)
- A MIDI controller



Keith McMillen QuNeo

- A MIDI controller



MIDI Keyboards (Akai & roland)



Native Instruments Maschine

- A MIDI controller
- Works best with Native Instruments Software
- Drum machine (load samples inside to play them)



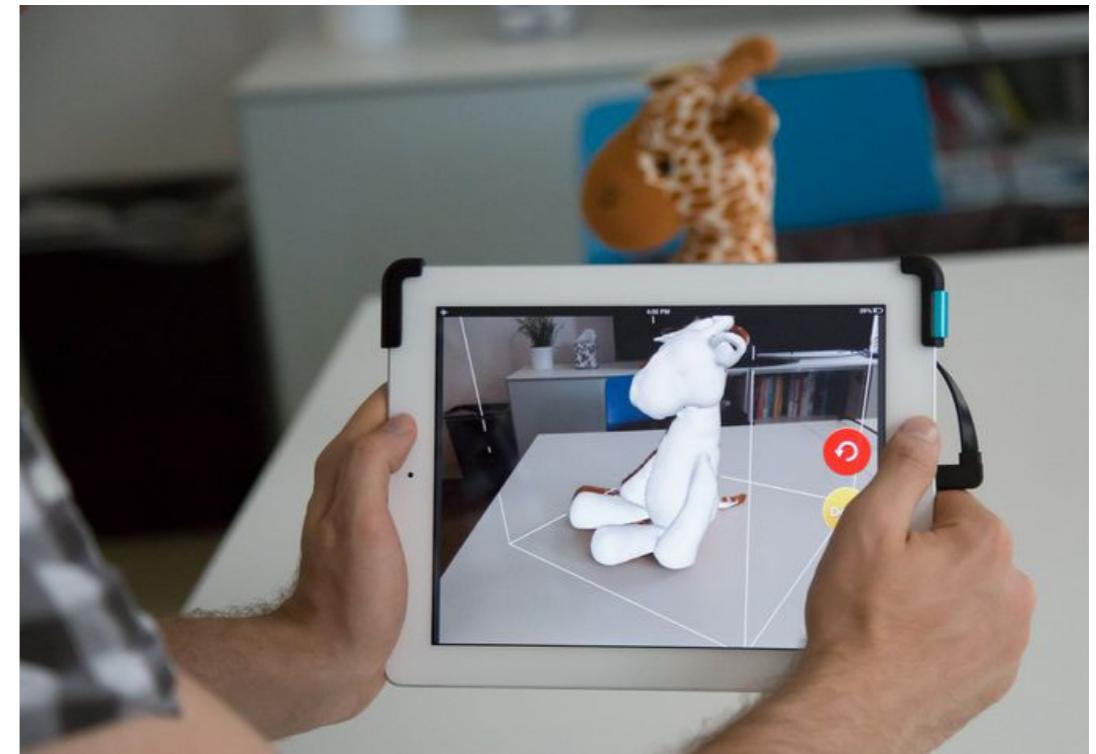
Mavic DJI Drone + Goggles

- Drone with 30' autonomy, 8m height, HD camera
- Goggles to watch at the same time
- Perfect for sci-fi racing and surveillance



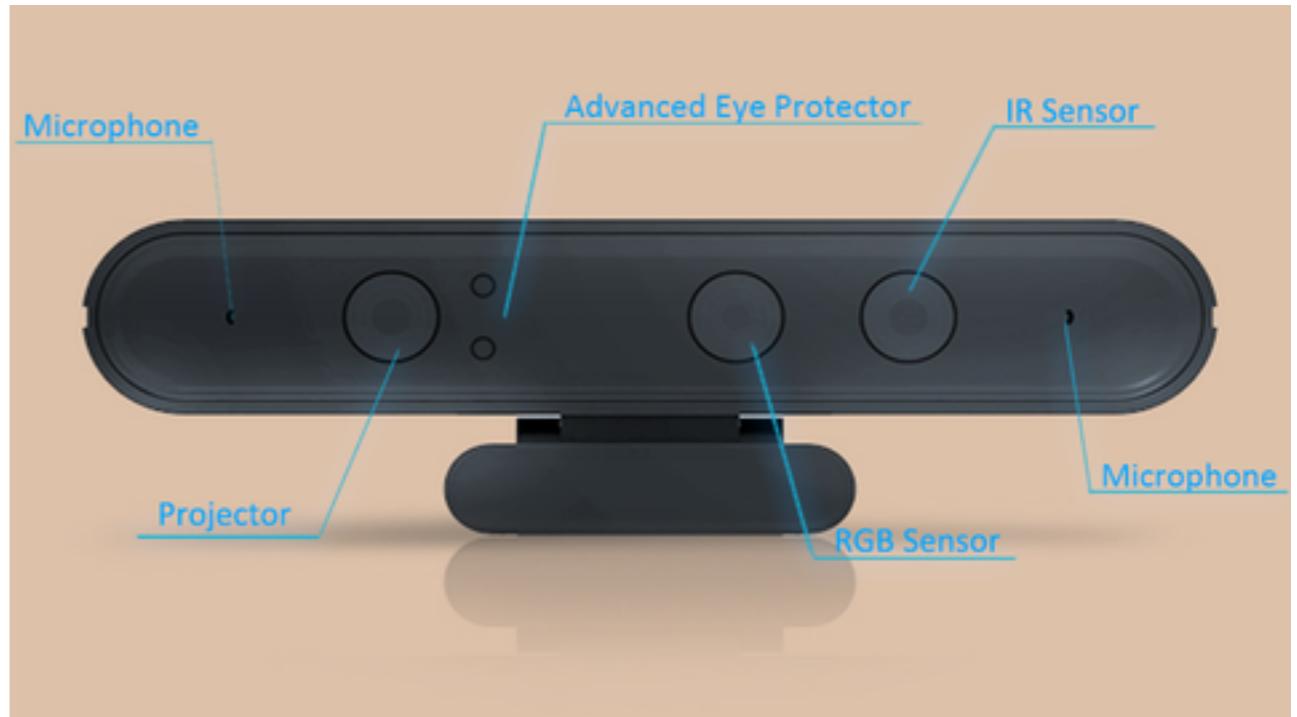
Zoll Structure Sensor

- Only for iOS
- For 3D scanning of objects
- 3D scanning of rooms
- Positional tracking



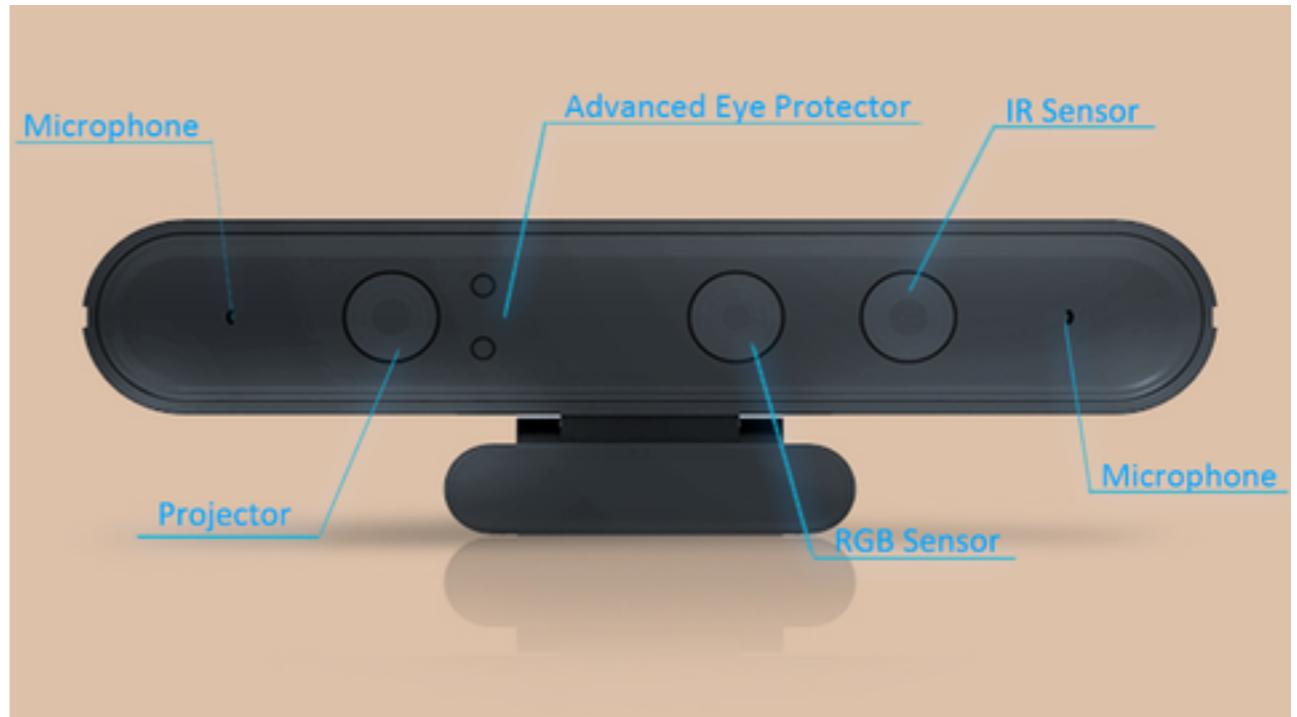
Orbbec Astra Pro

- HD 3D Camera
- Skeleton tracking
- Photogrammetry
- Same technology as Kinect
- Package for Unity



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Emotiv Epoch

- Brain wave sensor
(intensity, not quality)
- Head movements
- “Mental Commands”
API
- Facial Expression API
 - C++/C#/Node



Tobii Eye Tracker

- Tracks eye movement
 - Unity SDK
 - Integration with the HTC Vive (not Oculus)



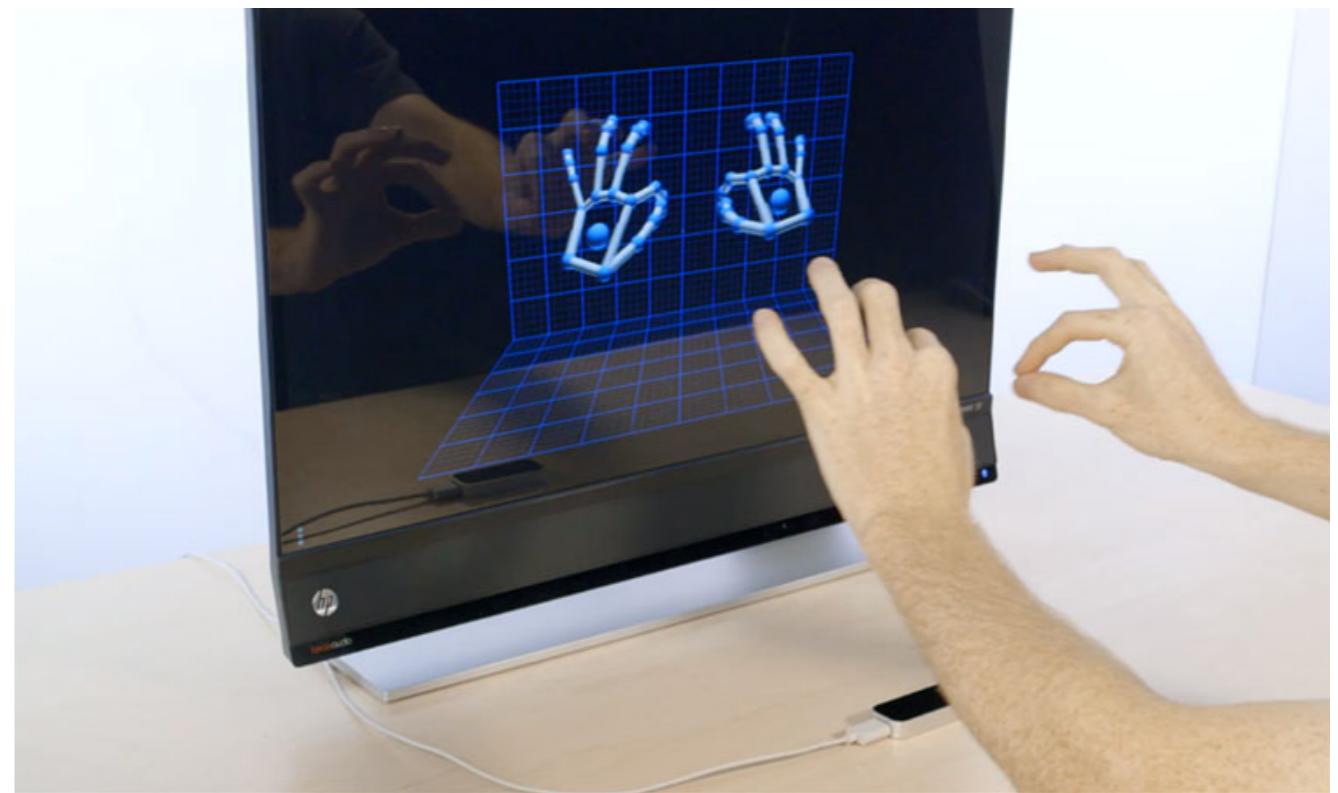
Manus VR

- VR Gloves
- Finger tracking + multi user
 - Unity SDK
 - Integration with the HTC Vive (not Oculus)



Leap Motion

- Tracks Hands
- Own SDK + Unity +
Unreal



Hololens

- Mixed Reality
- Projects digital images on a transparent screen
- Microsoft-backed
- Unity plug-in + web-first library (BabylonJS)

