# OSVR HDK Conversion kit – 1.3/1.4 to 2.0

Jul 27, 2016

## Introduction

This document provides step-by-step instructions for upgrading OSVR HDK 1.3/1.4 units to HDK 2.0 screens.

## Included parts

- 1 x 14to20 adapter



- 2 x M3-0.5x5 Phillips machine screw
- 1 x HDK 2.0 module including dual 1080x1200 screens, driver board and mounting plates

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# Assembly Instructions

## Step 1: open front cover

- Unscrew screws at the bottom of the unit and open the front cover




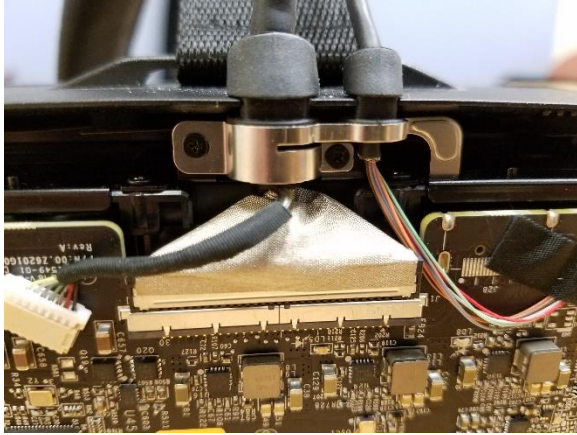- **Be careful** not to damage the IR flex cable between the front cover and the unit
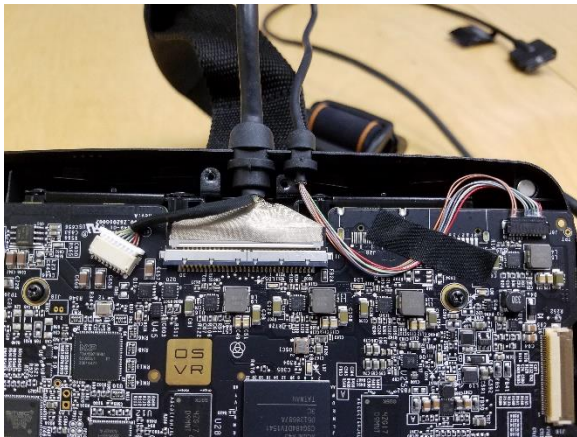
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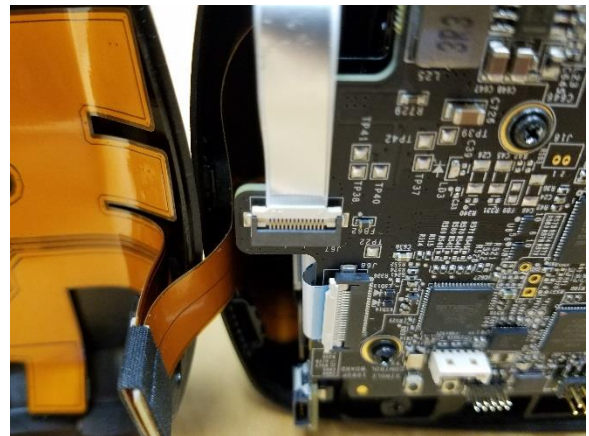
## Step 2: Remove strain relief

- Unscrew and remove the cables metal strain relief. Keep it with its screws as you will need it later
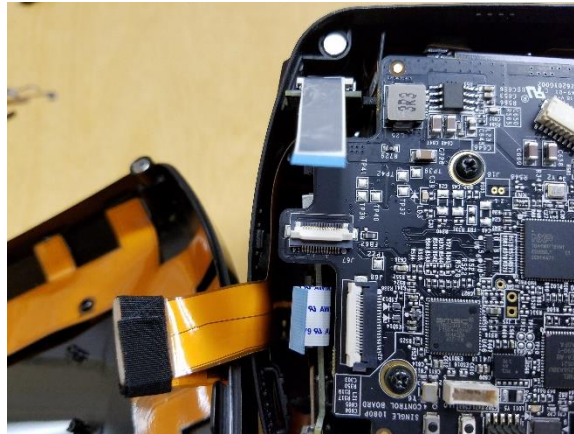



## Step 3: Disconnect connectors

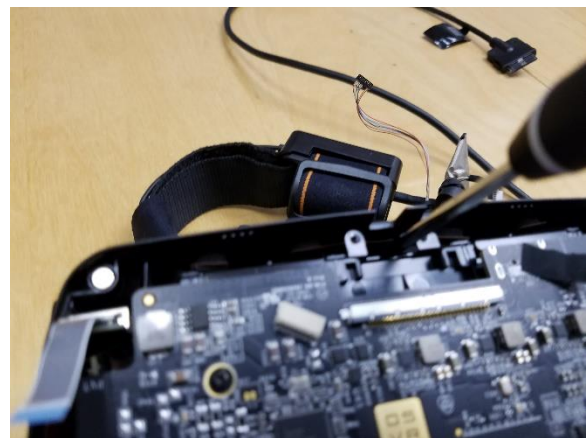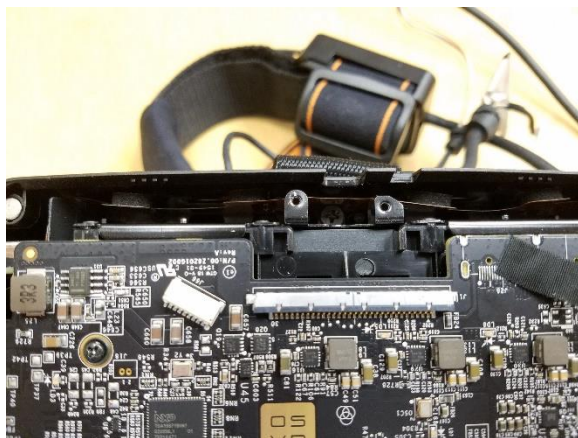- Disconnect the three connectors as shown in the images below

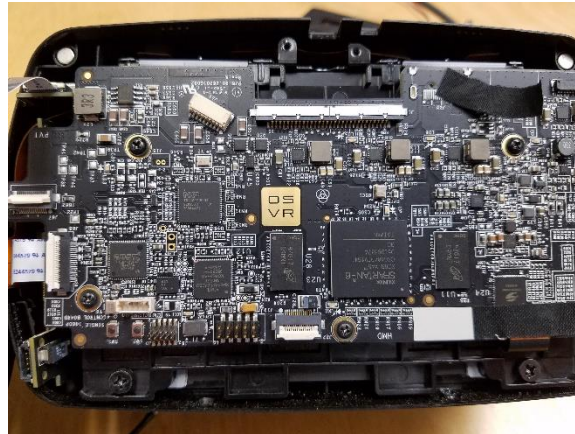- Disconnect the USB and IR connectors



## Step 4: remove existing 1.3/1.4 main module

- Unscrew the top part of the 1.3/1.4 main module

- Unscrew the two screws at the bottom of the 1.3/1.4 main module



- Carefully remove the main module out of the housing, <u>keep the three screws as you will need them later</u>

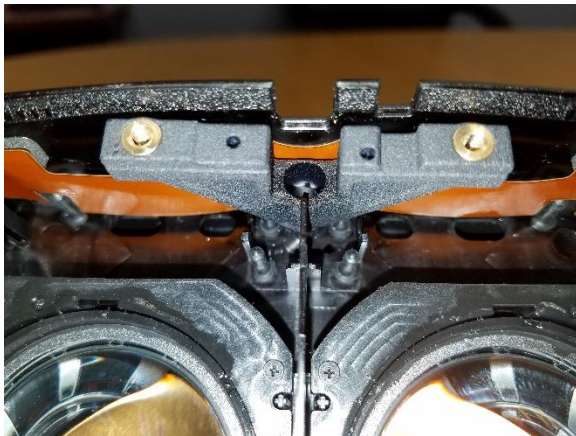7125 Thomas Edison Dr, Suite 103, Columbia, MD 21046, USA
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- Push aside the IR PCB to allow disassembly of the USB PCB and holder. Unscrew the metal mount and remove it

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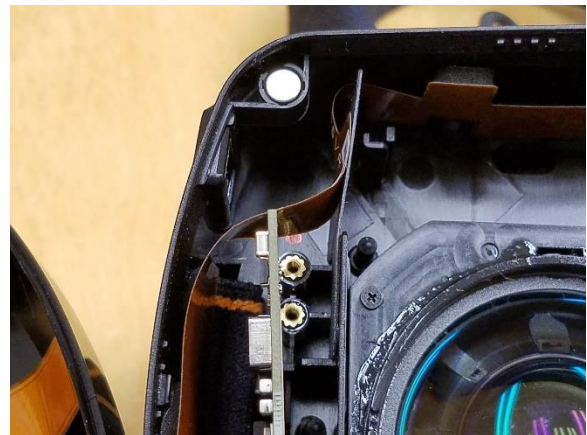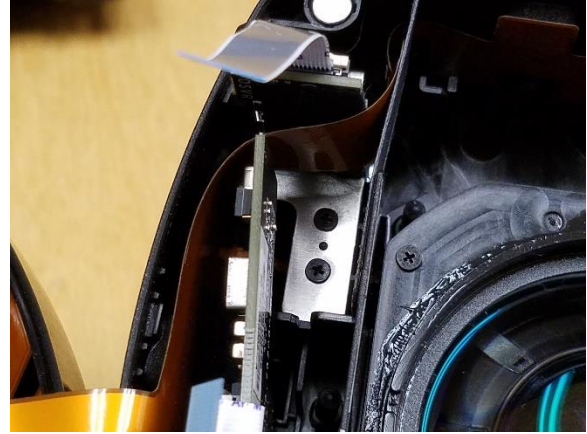
## Step 5: Install the 2.0 adapter

- Using one of the 3 screws install the 1.4 to 2.0 adapter

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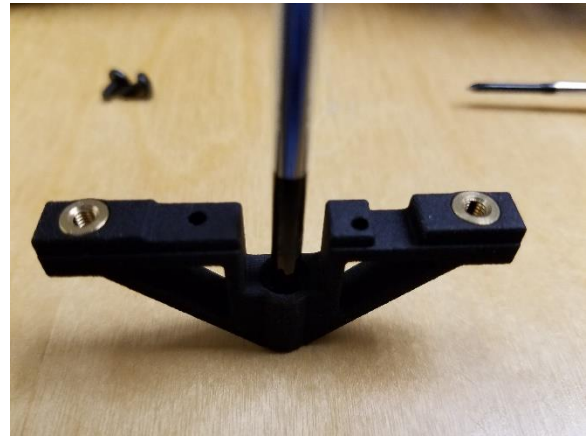
## Step 6: Install the new 2.0 main module

- The screens ship with a protective cover (with "F" marking on them). Carefully remove this cover by peeling off from the corner.
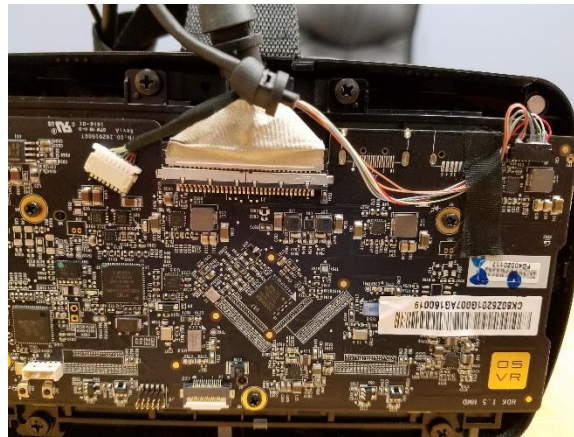


- Carefully take the new 2.0 main module and place it inside the housing. Make sure nothing touches the screens.

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- Push aside the IR PCB to allow assembly of the 2.0 main module. Use the two screws from earlier at the bottom two holes and use the two new screws provided with the upgrade kit at the top
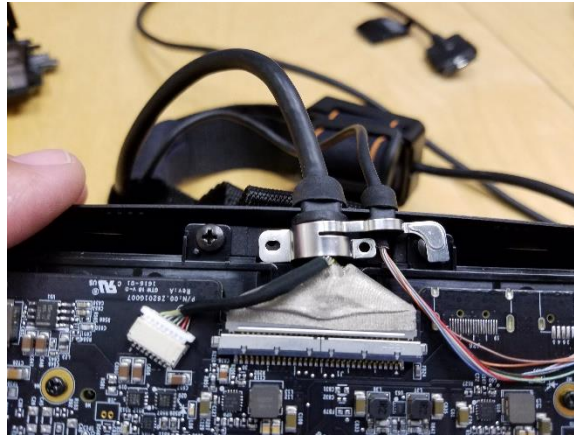


- Insert the cables and connect the 3 connectors to the PCB.



- Using a cutter, cut the area marked with red lines. If not removed, it it will bloct the screw below

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- Assemble the cables metal strain relief



- Put back the cover

## Questions?

We are here to help. Contact support@sensics.com

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