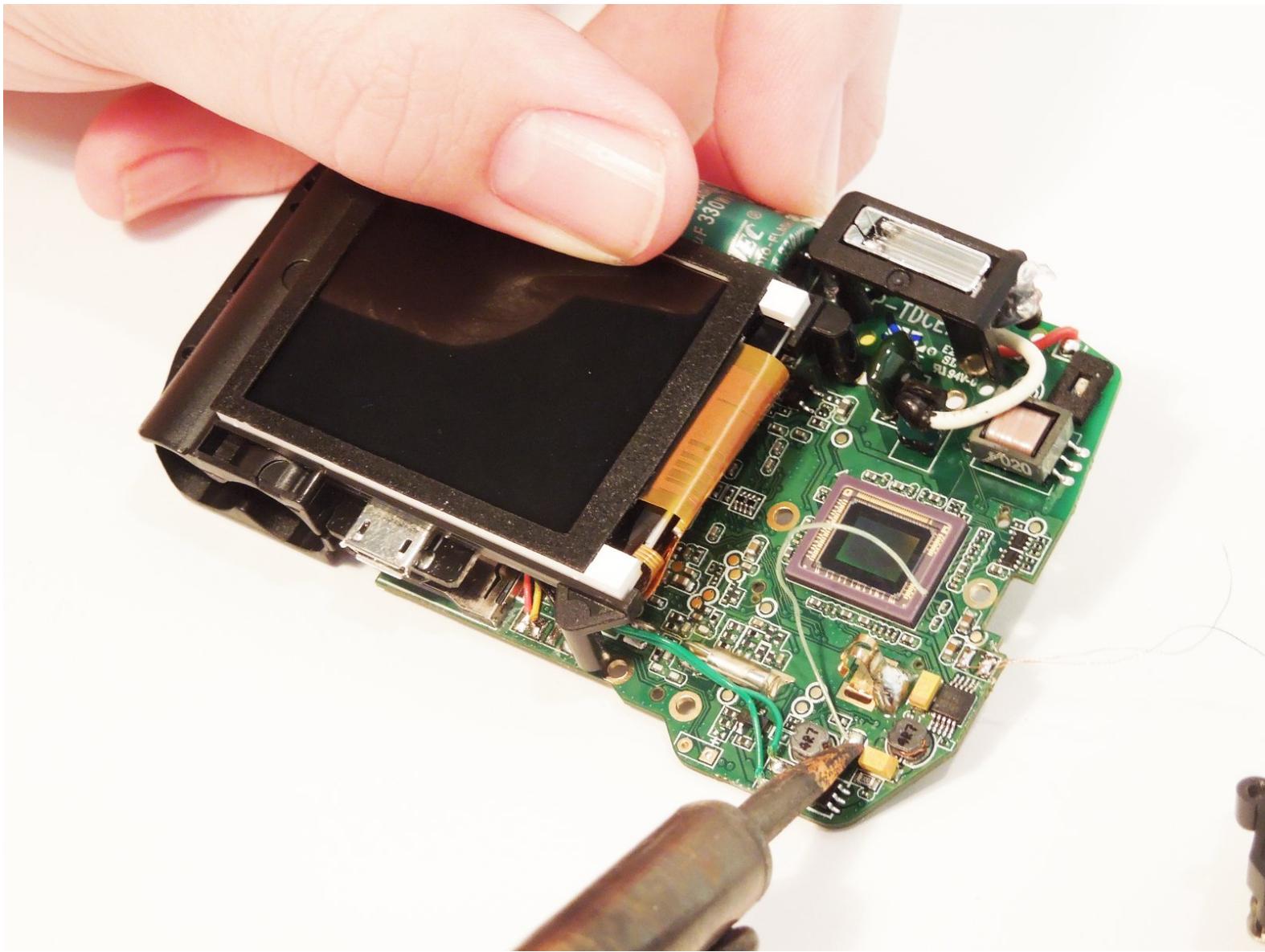




# Ivation IVWPDC20Y Lens Assembly Replacement

Ivation IVWPDC20Y Repair Lens Replacement

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## INTRODUCTION

This guide will show you how to replace a faulty lens unit for this camera.

### TOOLS:

- [T6 Torx Screwdriver](#) (1)
- [Phillips #00 Screwdriver](#) (1)
- [Heavy-Duty Spudger](#) (1)
- [Soldering Iron](#) (1)

## Step 1 — Lens Assembly



- With the H2.0 bit screwdriver, remove the two screws on the yellow waterproof cover

## Step 2



- Apply a plastic opening tool to each of the corners and gently remove the casing

*(i)* The front casing is held down by adhesive and may require additional work to remove

**!** Apply just enough force to undo the inner latches to make sure not to damage the waterproof seal

## Step 3



- Remove the five silver screws from the inner casing using the PH00 screwdriver bit

## Step 4



- Remove the six screws from the edge of the clear inner casing with the PH00 screwdriver bit

**⚠** These screws are very small and easy to strip so apply consistent pressure when removing them

## Step 5



- Pry off back outer casing using the black spudger or the blue prying tools

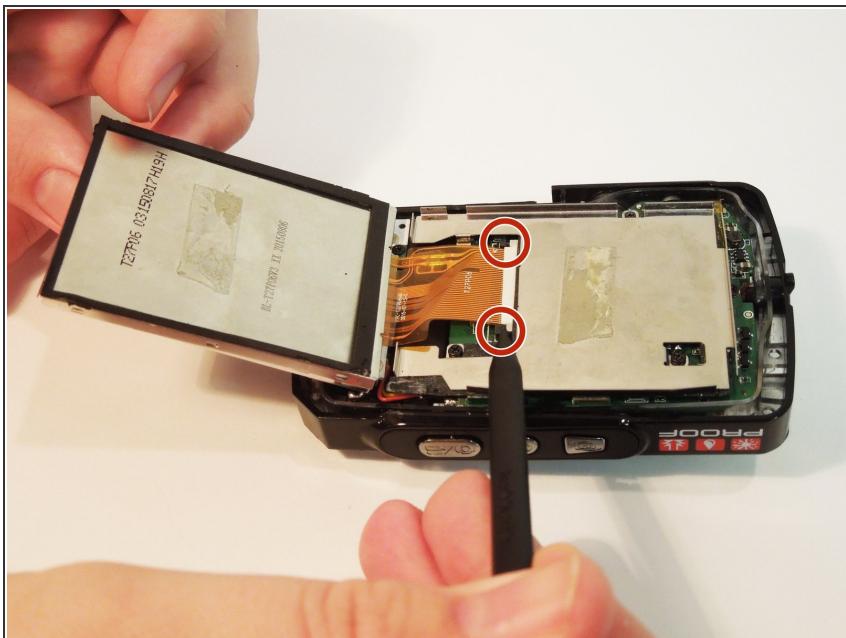
## Step 6



- Carefully remove the screen from the silver casing using a prying tool or the black spudger

There is adhesive in the center of the screen, be sure not to bend it when applying pressure

## Step 7



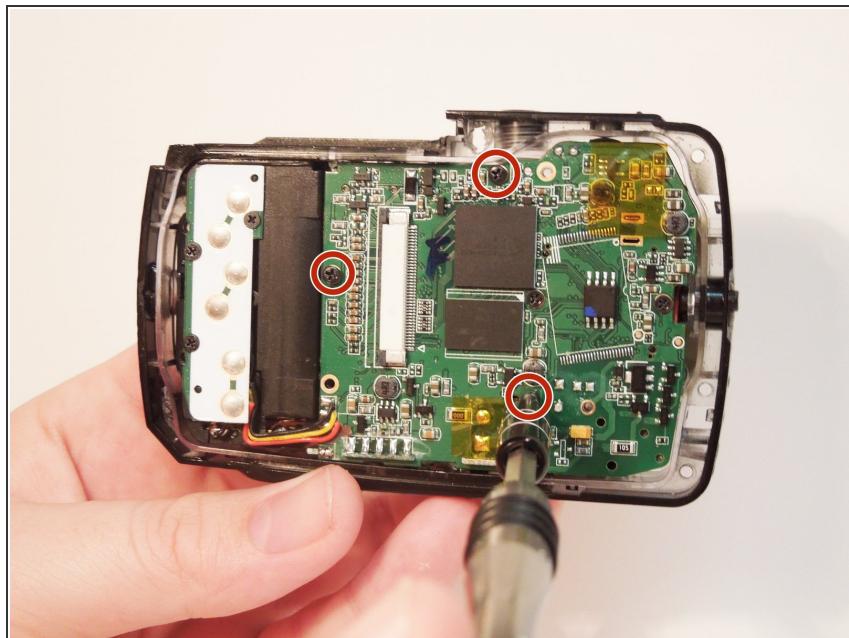
- Using the poker end of the spudger push gently on the black pegs holding the orange tape in place
- i* Screen and orange tape should slip out as a whole

## Step 8



- Remove three screws holding the silver screen casing to the motherboard using the PH00 bit screwdriver

## Step 9



- Remove three screws holding the motherboard into the casing using the PH00 bit screwdriver

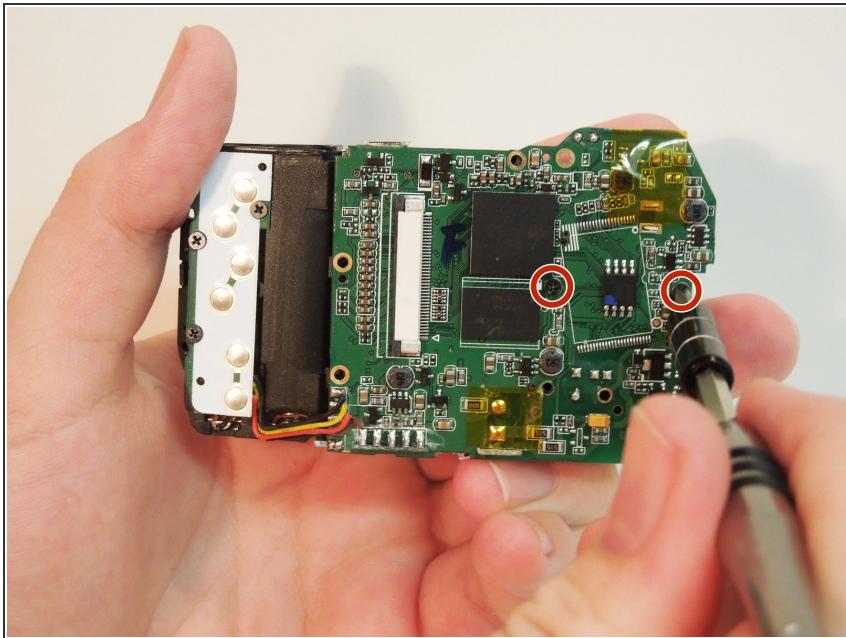
## Step 10



- Gently lift the corner of the motherboard out

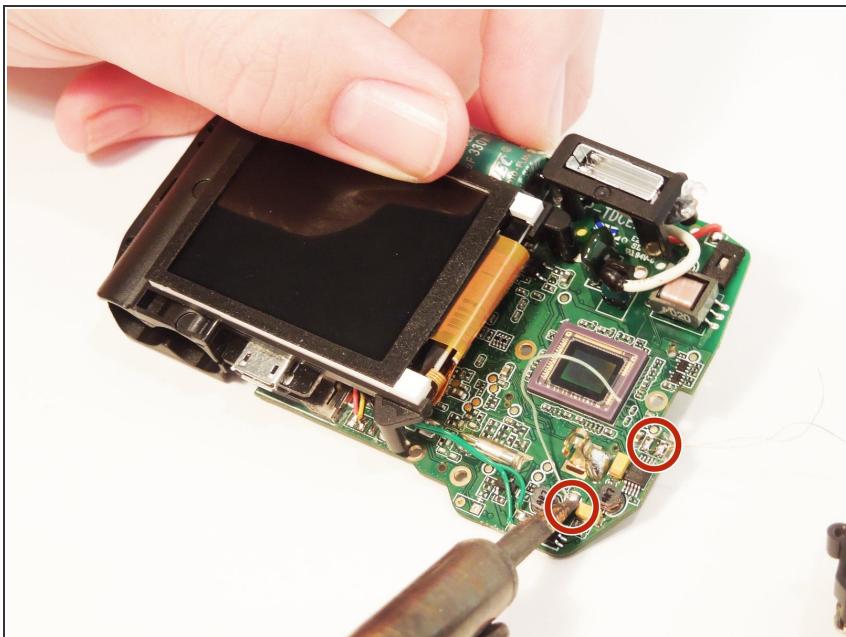
*Everything should come out as one component free of the casing*

## Step 11



- Remove the two screws holding the lens assembly to the motherboard using the PH00 bit screwdriver

## Step 12



- Remove the soldering on the 3 wires that are connected to the lens unit

To reassemble your device, follow these instructions in reverse order.