

Meeting Minutes

Date: October 1st, 2019

Time: 12:00 pm –12:45 pm

Objectives: Clarify expectation and product requirement with client

Meeting Items:

- First video-conference meeting with Client
 - Dr. Keller, Samuel and Andy were present in the meeting.
- Device Size
 - Preferably the size of a smartphone. No concrete dimensions were given
- Ruggedness
 - Somewhat water resistance
 - Should be dust resistance
 - Team targets to reach IP 67 standard for ruggedness.
- Client is willing to buy smartphone separately for the project. We presented an option for standalone device or smartphone case with extension for magnification. He didn't give any explicit preference but was leaning to a smartphone extension idea.
- The machine learning website take 20x image. Our team is aiming to get 40 x magnification.
- Sampling area is 1 cm²
- Targeted effective resolution is 0.25 micron per pixel
- Battery life: Should be able to take and process image of 5 slides, USB Charging (MAYBE Qi-Charging Station plugged in USB)
- Scan time: Maximum 30 minutes for 1 cm²
- Images for 40x magnification must be stitched together to get final image
 - Client suggested to use live free hand movement and stich the images together.