

Counterfeit Note detection using OWL InGaAs

Counterfeit notes are a problem in every society, the OWL1.7 InGaAs camera from Raptor photonics, can outperform all the normal checks, this camera is capable of viewing a portion of the EM spectrum where bank notes hold some secrets, and appear differently, the images below show the real note above the fake, while being viewed in both SWIR (900-1700nm) and Visible (350-770nm) can you spot the real one?

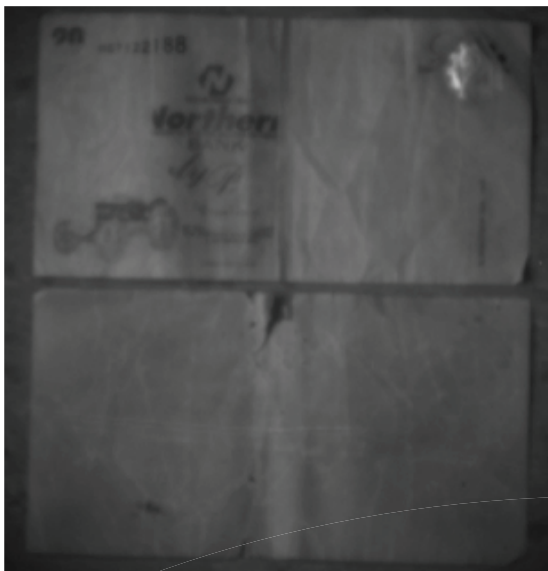


Figure 1: Front of bank notes SWIR

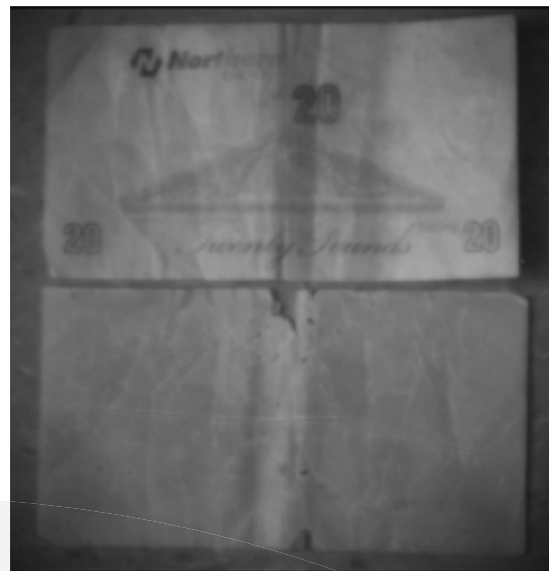


Figure 2: Back of bank notes SWIR



Figure 3: Front of bank notes VISIBLE



Figure 4: Back of bank notes VISIBLE