

MRZ Field Segmentation

Inference Results on MIDV-2020 Photo Dataset

Model: Hough Encoder (HEDMRZ)

Samples: 50

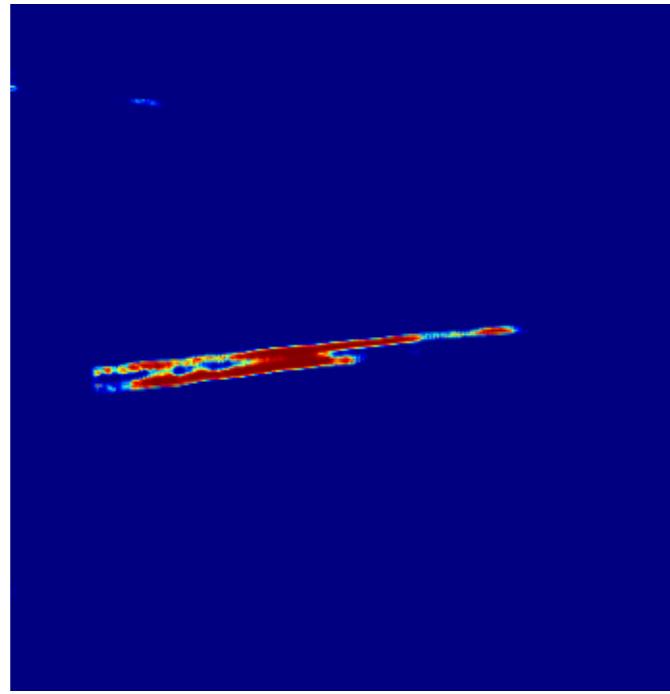
Mean IoU: 0.4912 ± 0.3657

Median IoU: 0.5841

Original
srb_passport (photo)



Probability Heatmap



Mask Overlay



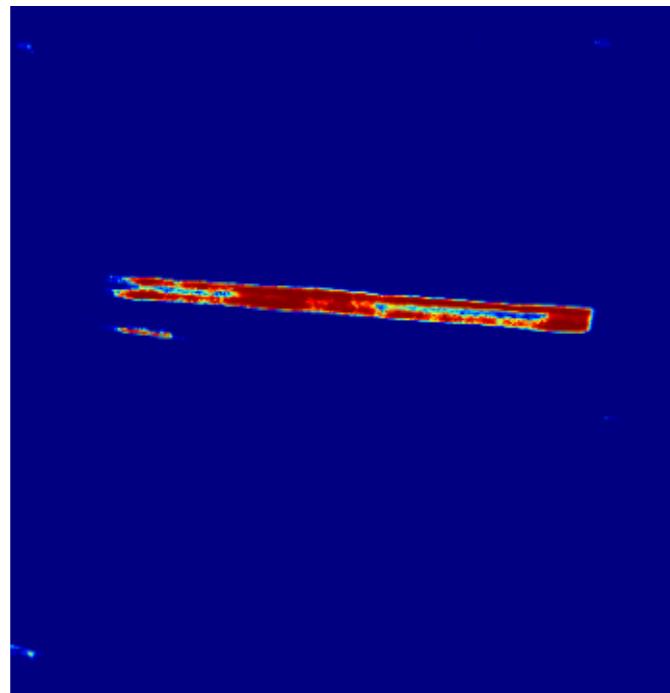
OBB Detection
IoU: 0.477



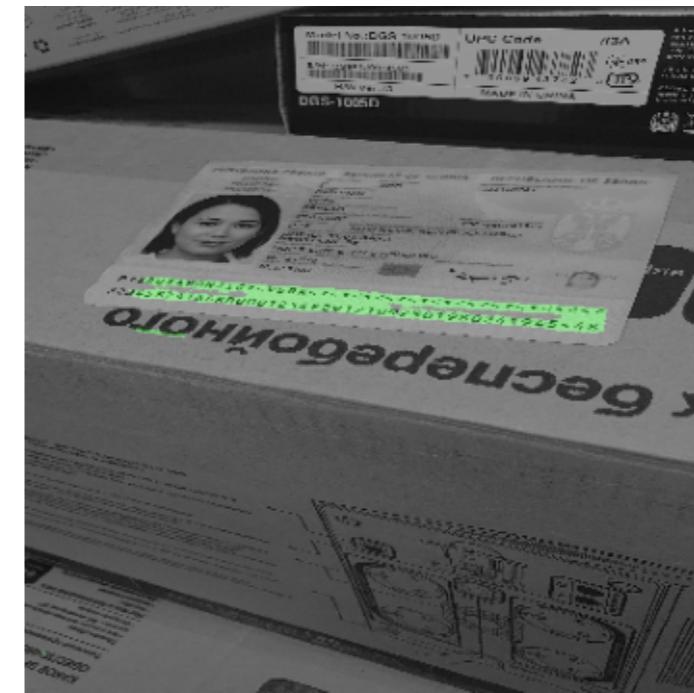
Original
srb_passport (photo)



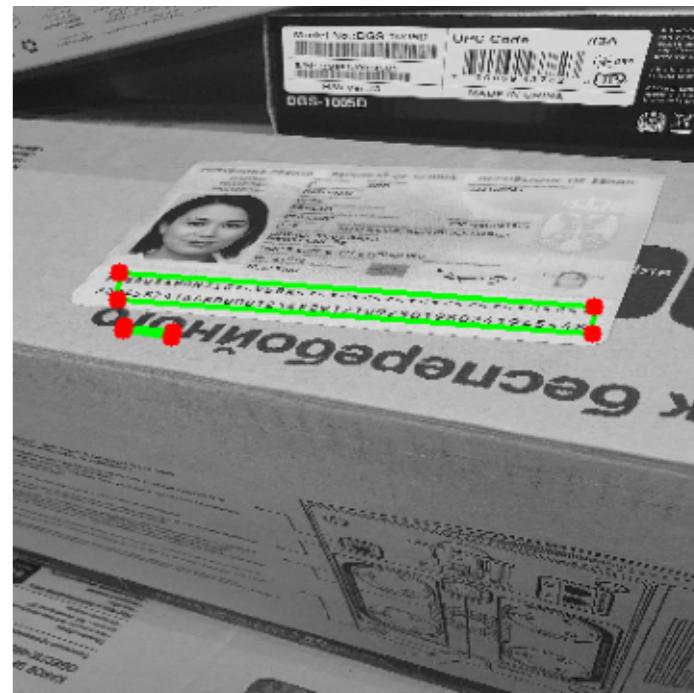
Probability Heatmap



Mask Overlay



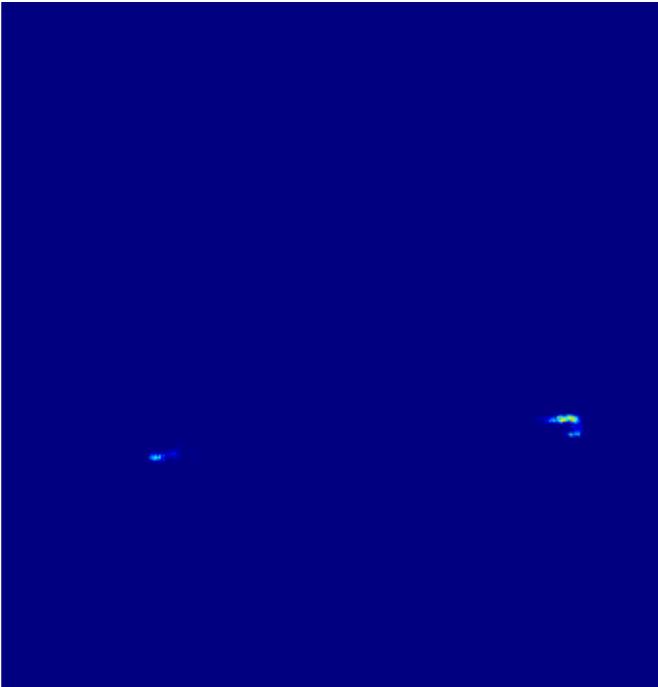
OBB Detection
IoU: 0.730



Original
grc_passport (photo)



Probability Heatmap



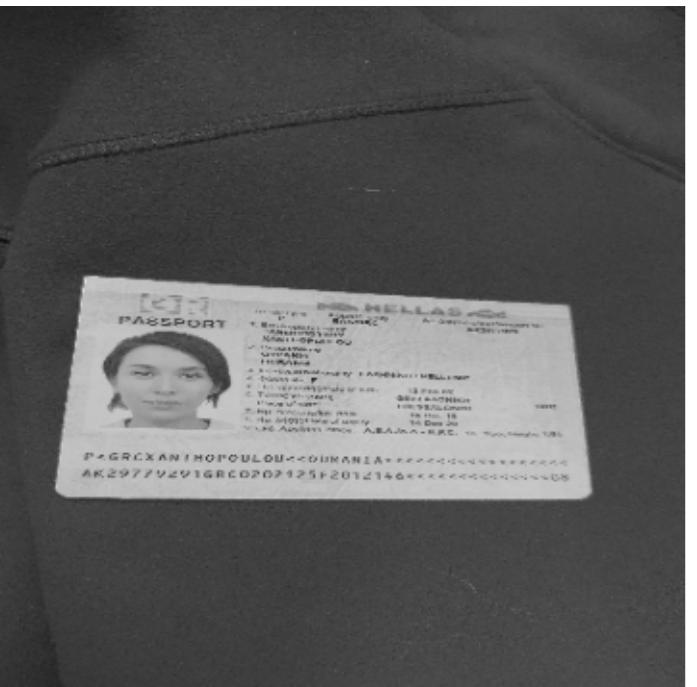
Mask Overlay



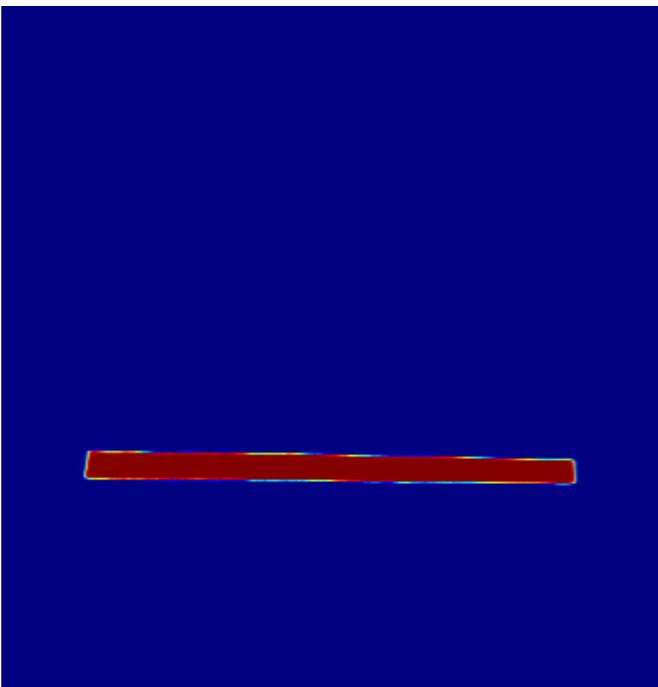
OBB Detection
IoU: 0.005



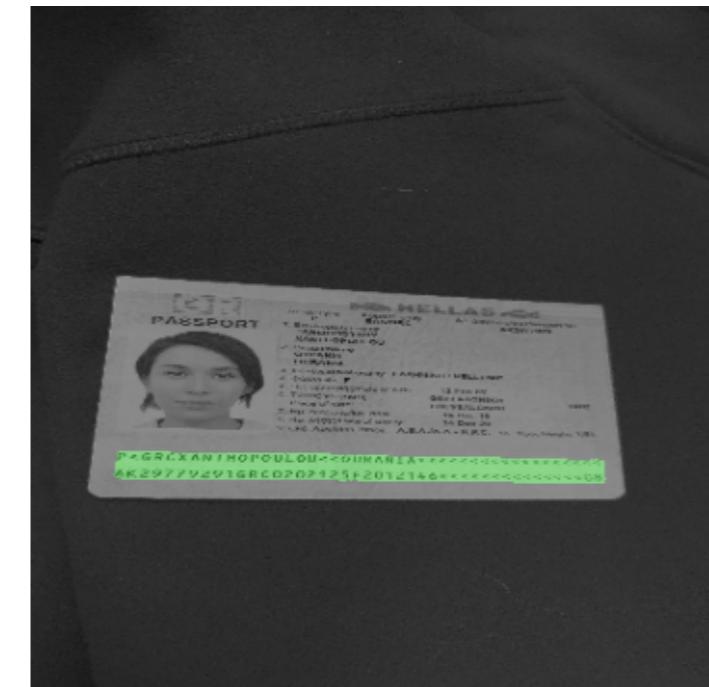
Original
grc_passport (photo)



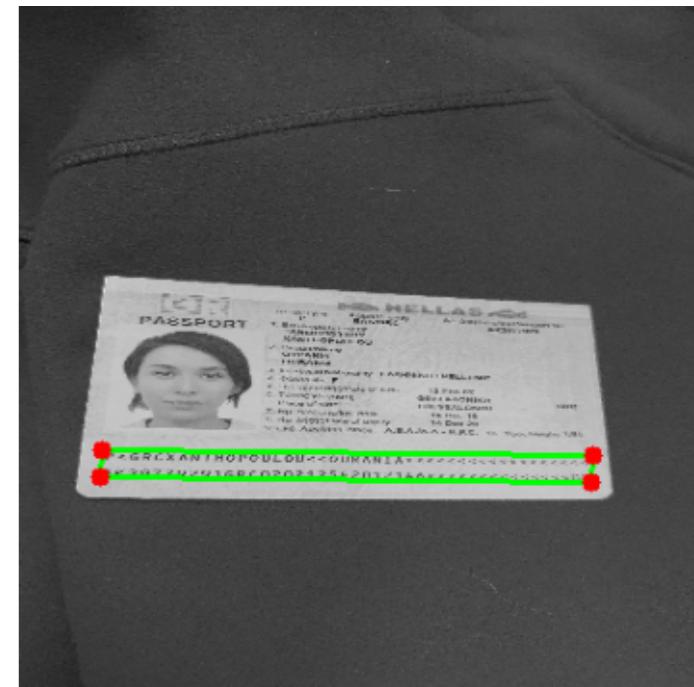
Probability Heatmap



Mask Overlay



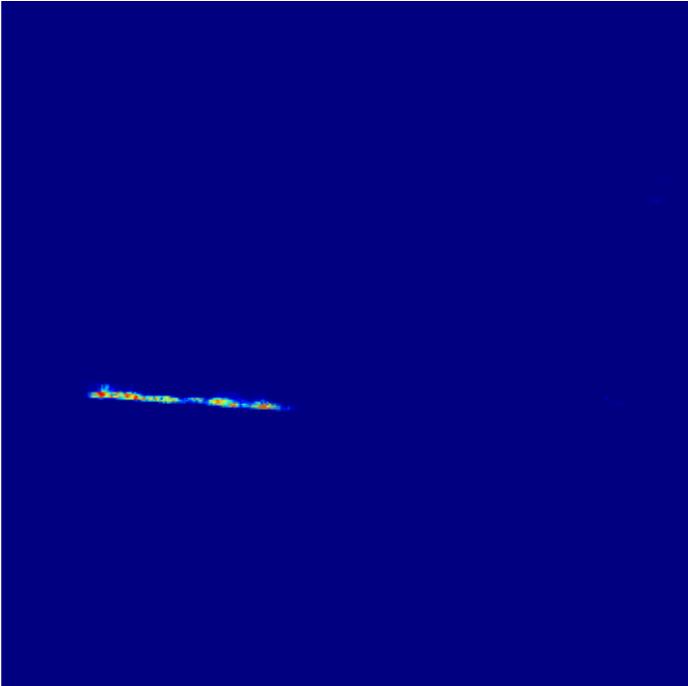
OBB Detection
IoU: 0.888



Original
grc_passport (photo)



Probability Heatmap



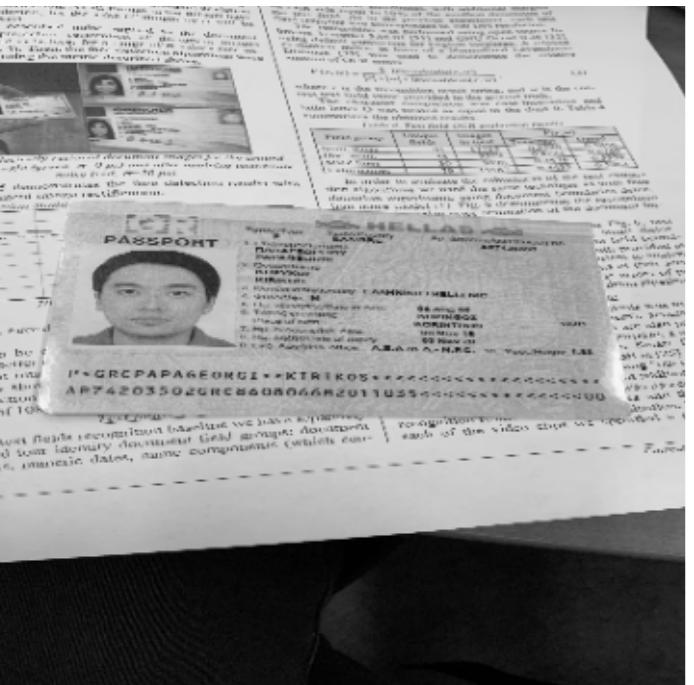
Mask Overlay



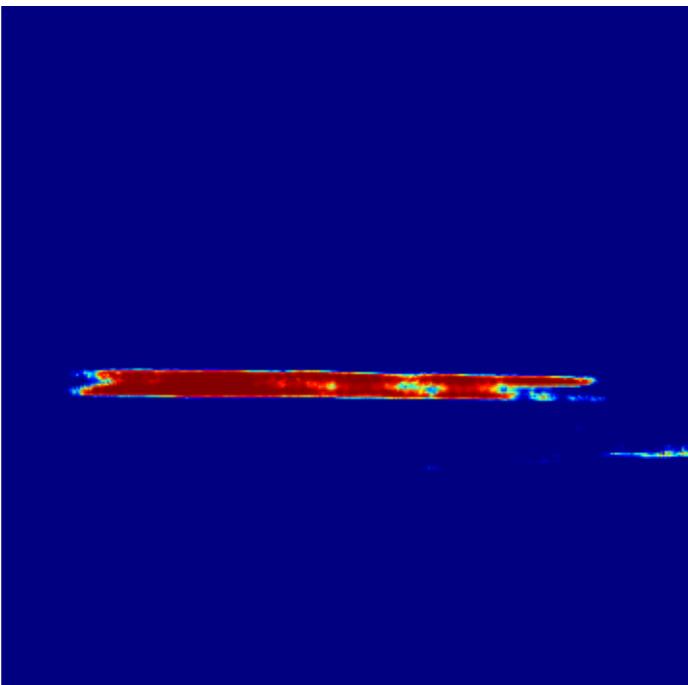
OBB Detection
IoU: 0.079



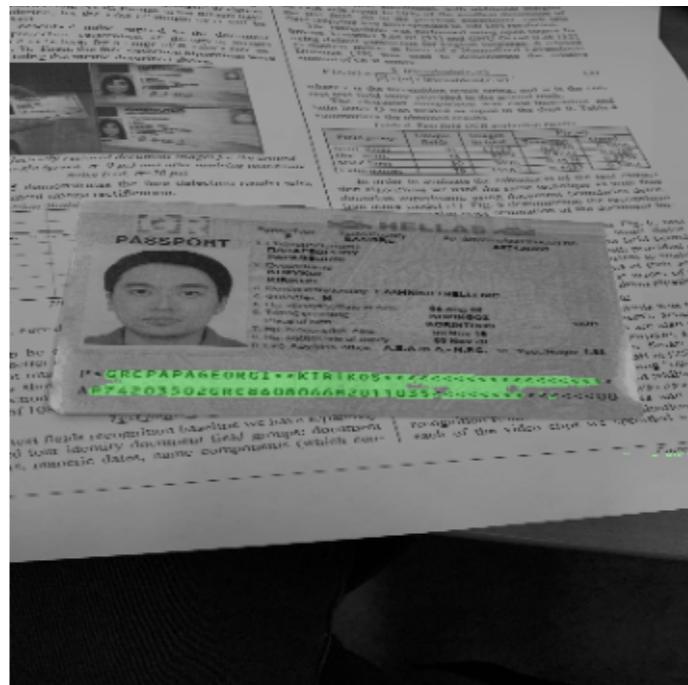
Original
grc_passport (photo)



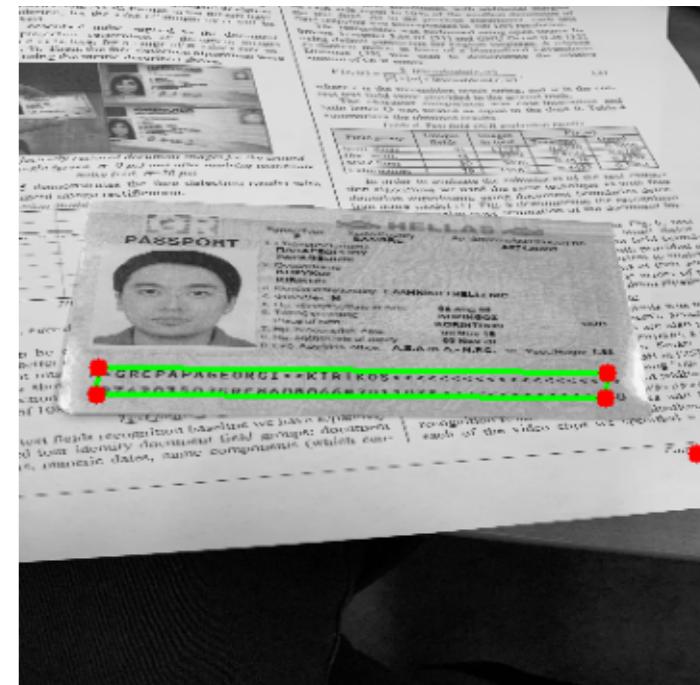
Probability Heatmap



Mask Overlay



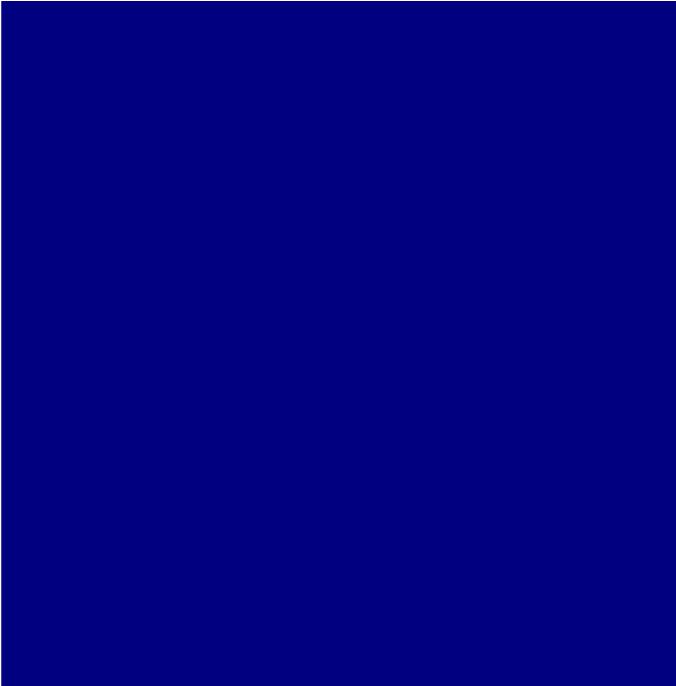
OBB Detection
IoU: 0.761



Original
srb_passport (photo)



Probability Heatmap



Mask Overlay



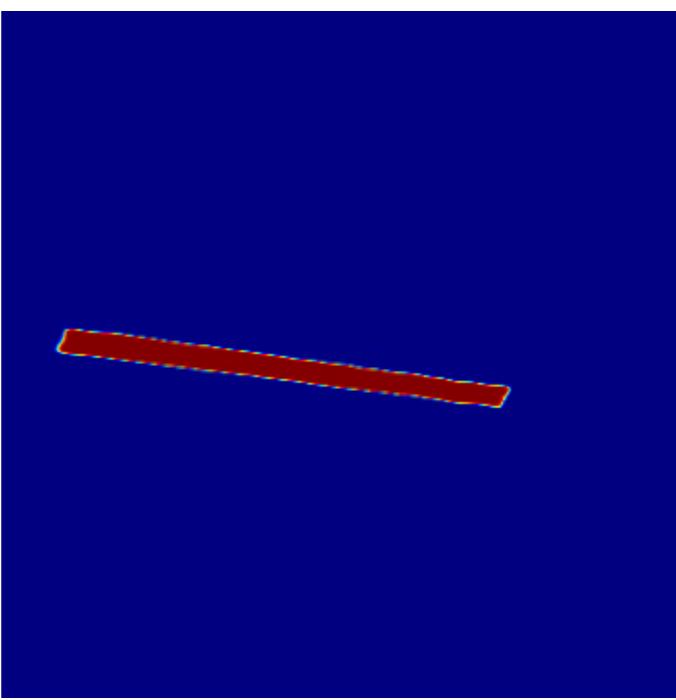
OBB Detection
IoU: 0.000



Original
aze_passport (photo)



Probability Heatmap



Mask Overlay



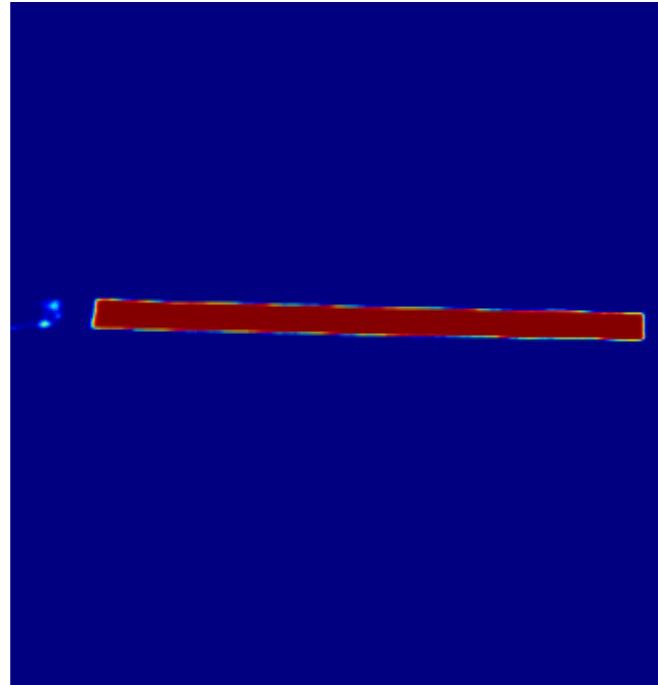
OBB Detection
IoU: 0.864



Original
Iva_passport (photo)



Probability Heatmap



Mask Overlay



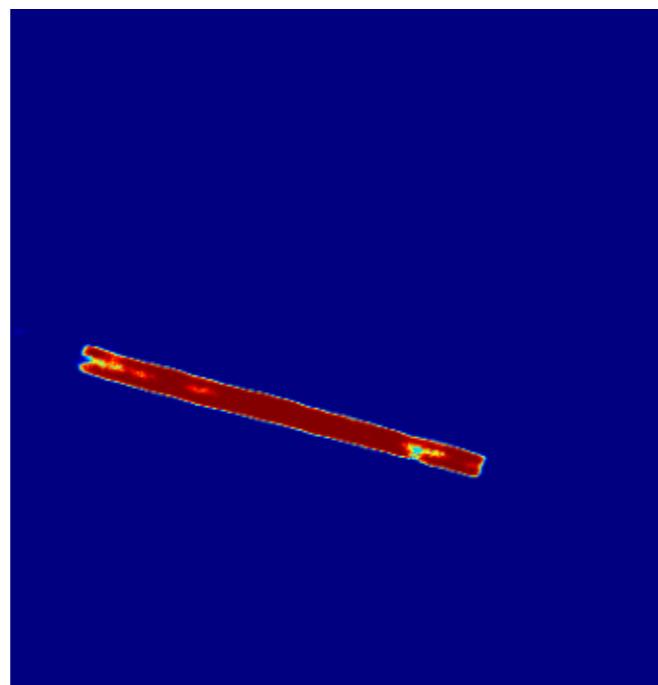
OBB Detection
IoU: 0.877



Original
Iva_passport (photo)



Probability Heatmap



Mask Overlay



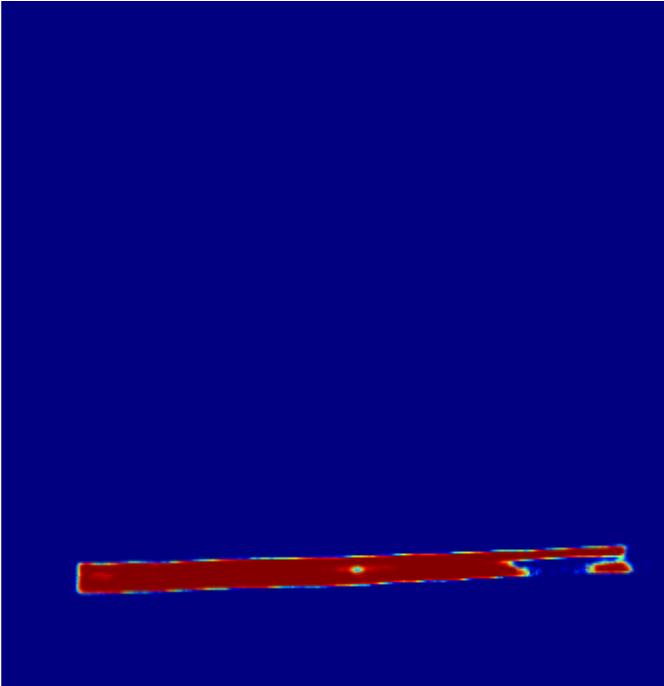
OBB Detection
IoU: 0.900



Original
srb_passport (photo)



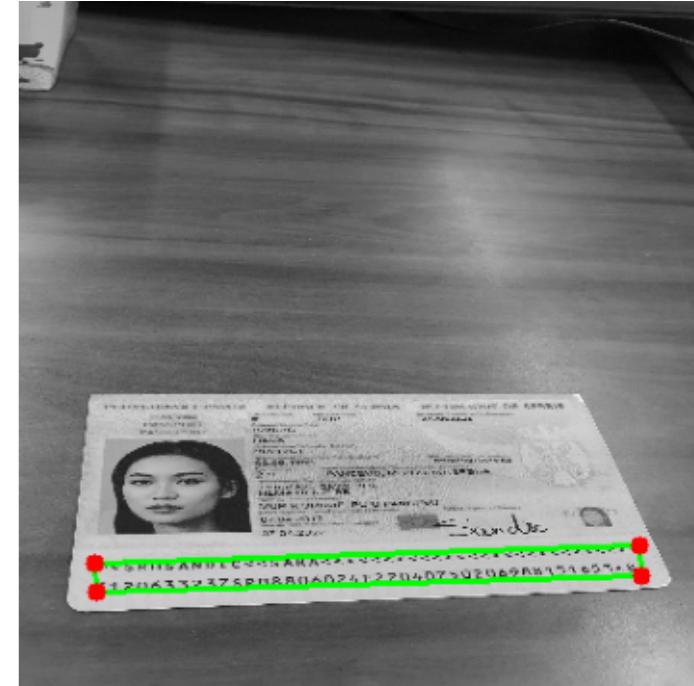
Probability Heatmap



Mask Overlay



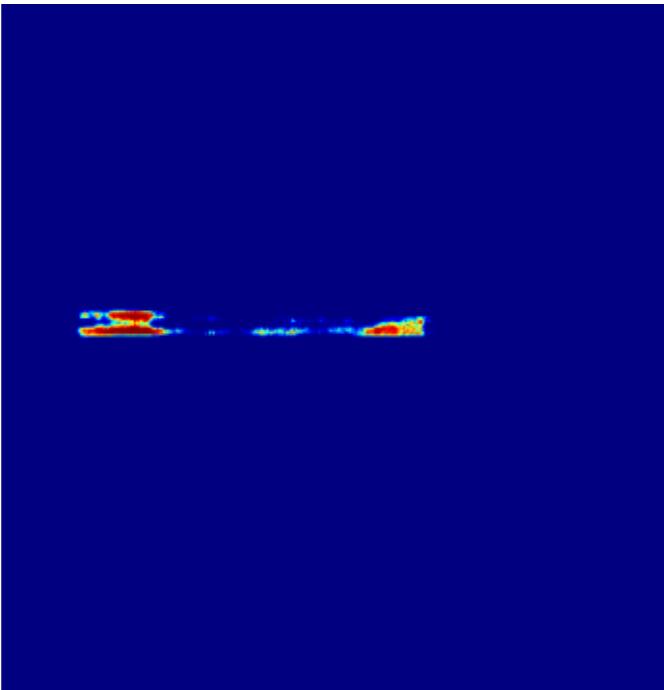
OBB Detection
IoU: 0.829



Original
aze_passport (photo)



Probability Heatmap



Mask Overlay



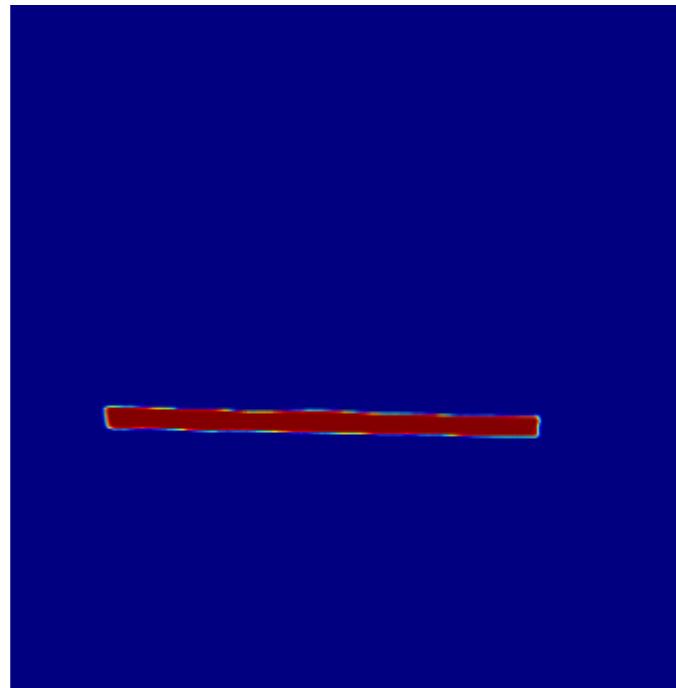
OBB Detection
IoU: 0.245



Original
aze_passport (photo)



Probability Heatmap



Mask Overlay



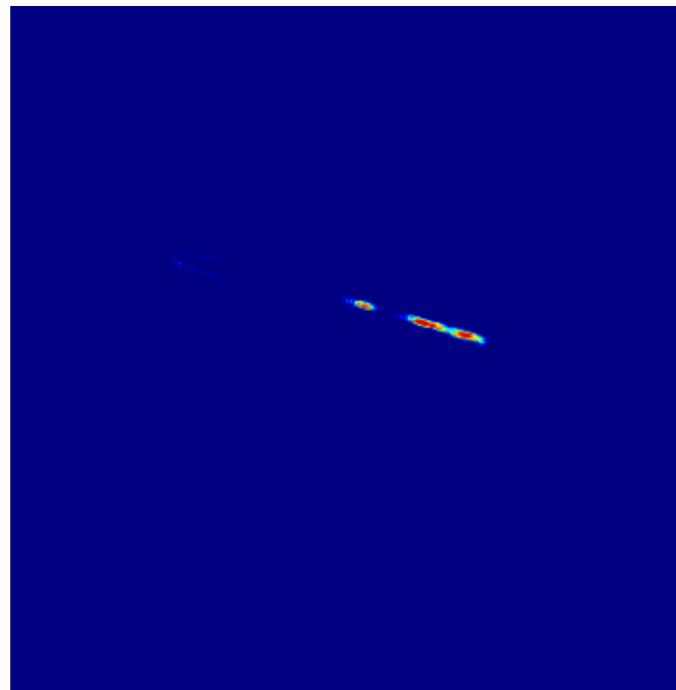
OBB Detection
IoU: 0.833



Original
srб_passport (photo)



Probability Heatmap



Mask Overlay



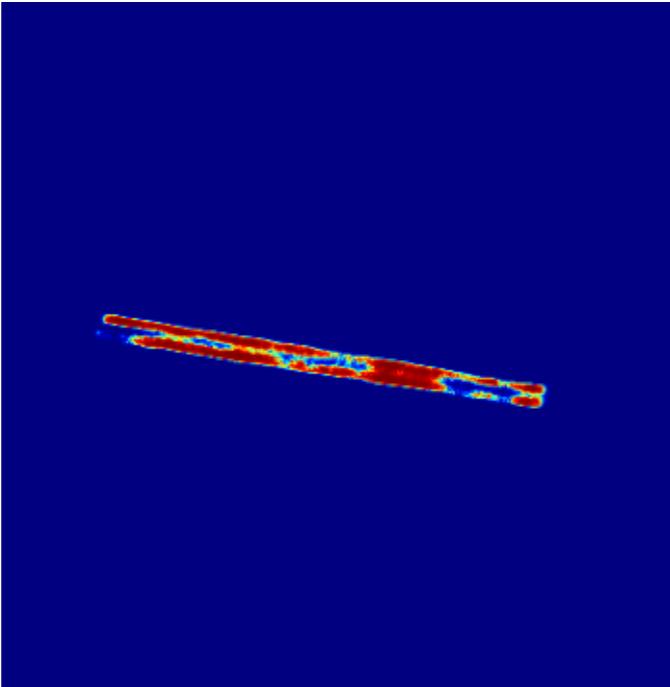
OBB Detection
IoU: 0.060



Original
grc_passport (photo)



Probability Heatmap



Mask Overlay



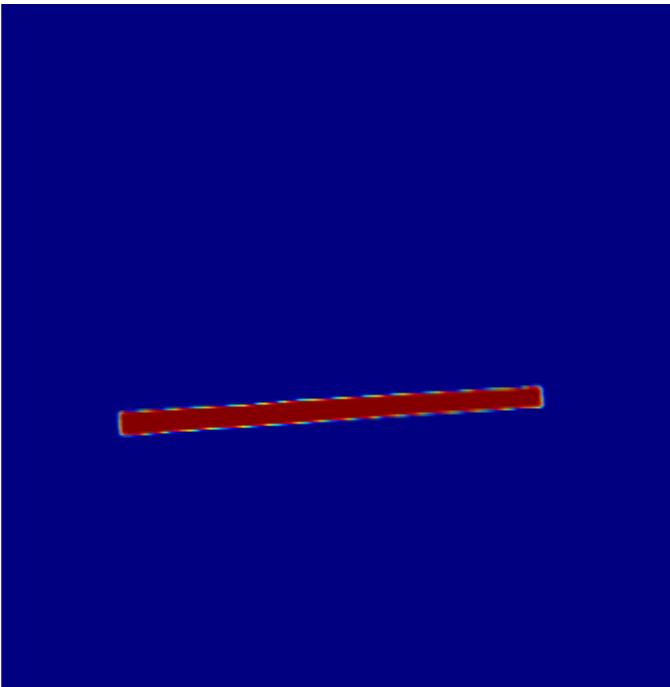
OBB Detection
IoU: 0.668



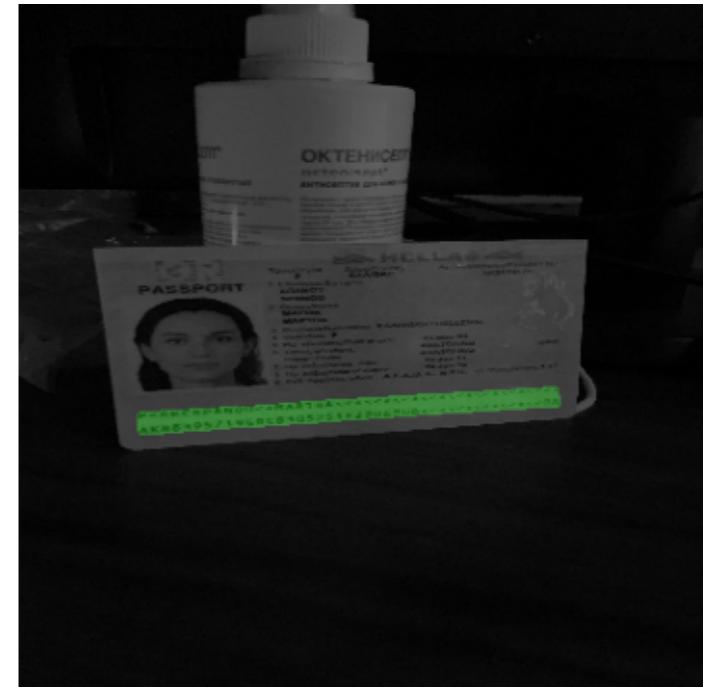
Original
grc_passport (photo)



Probability Heatmap



Mask Overlay



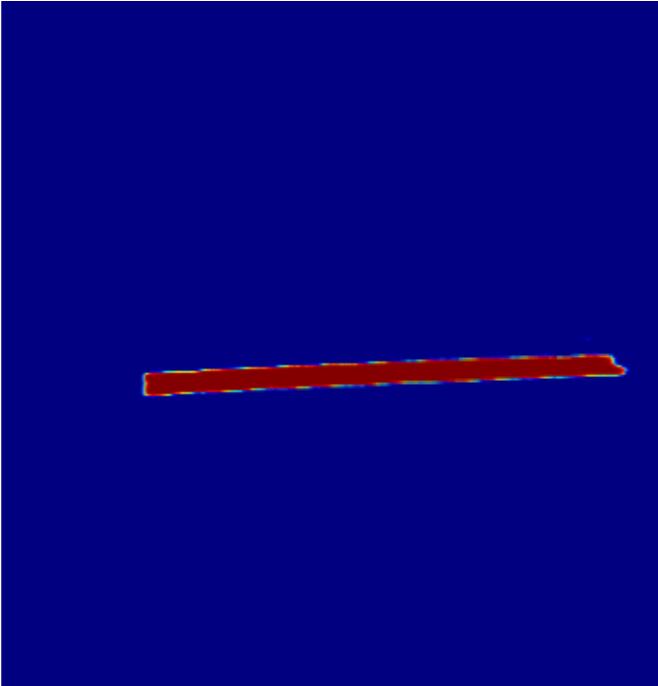
OBB Detection
IoU: 0.853



Original
grc_passport (photo)



Probability Heatmap



Mask Overlay



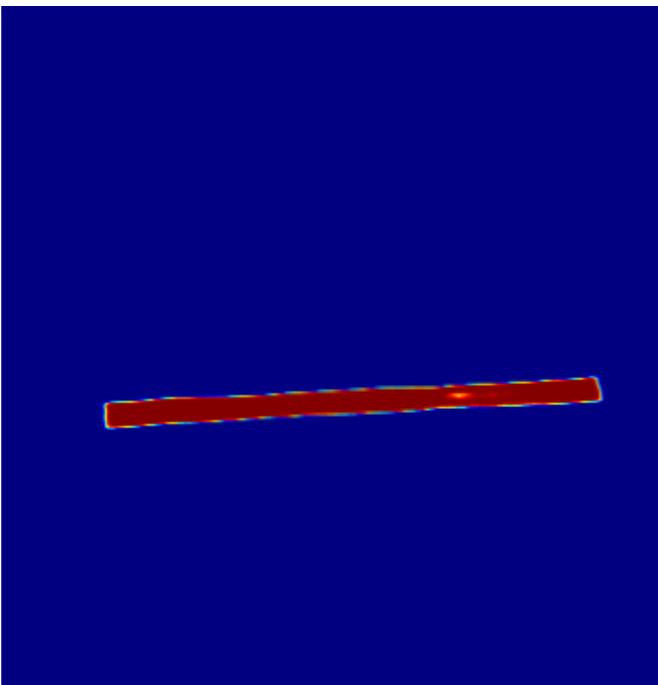
OBB Detection
IoU: 0.848



Original
aze_passport (photo)



Probability Heatmap



Mask Overlay



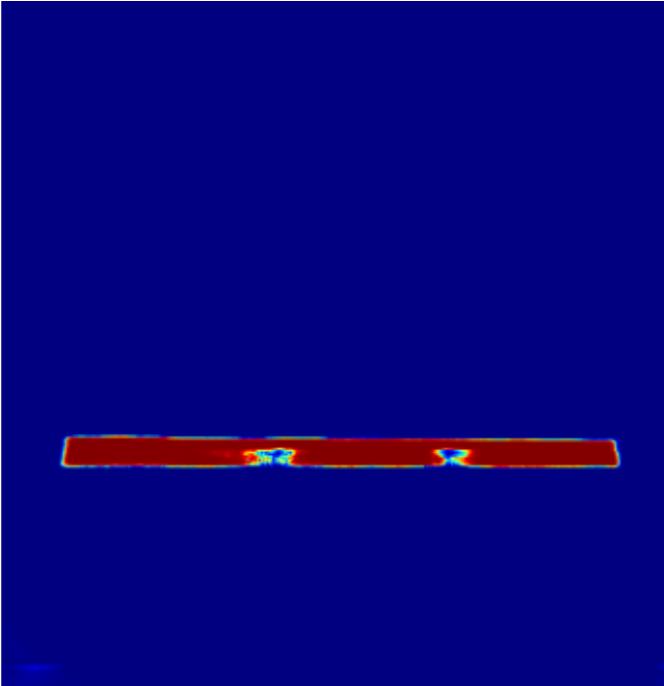
OBB Detection
IoU: 0.850



Original
aze_passport (photo)



Probability Heatmap



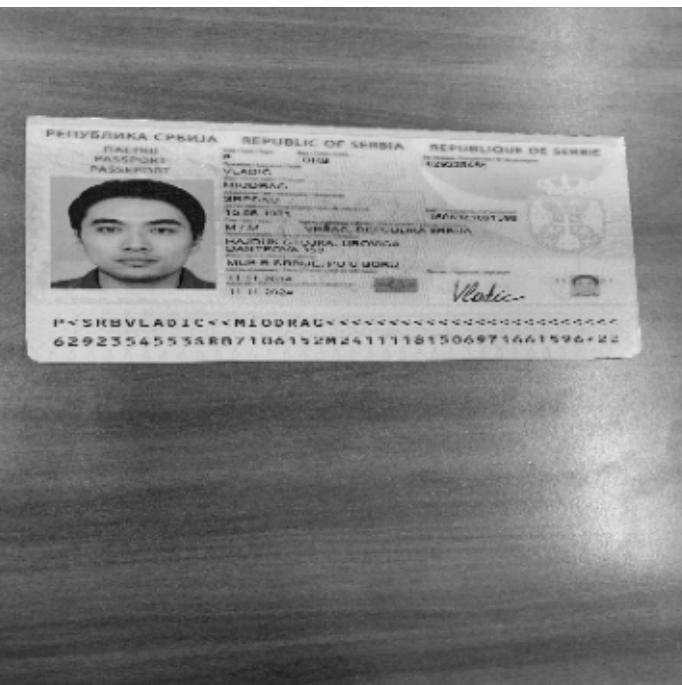
Mask Overlay



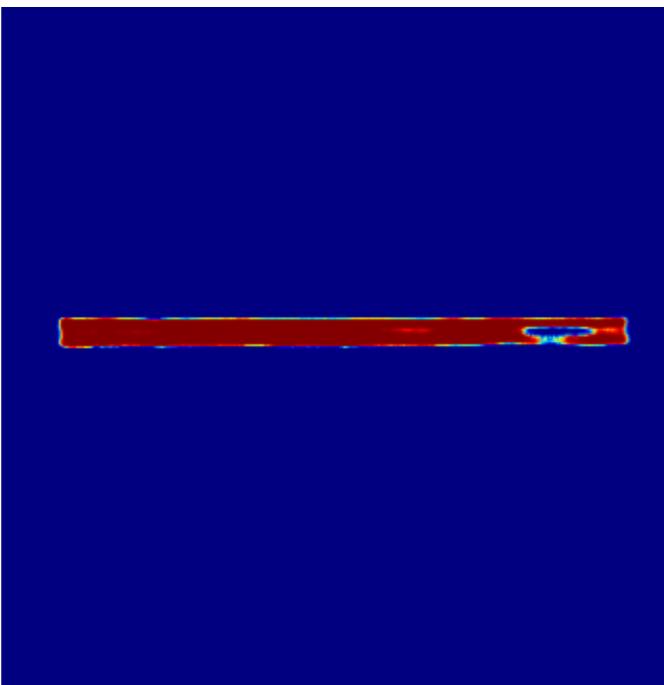
OBB Detection
IoU: 0.823



Original
srб_passport (photo)



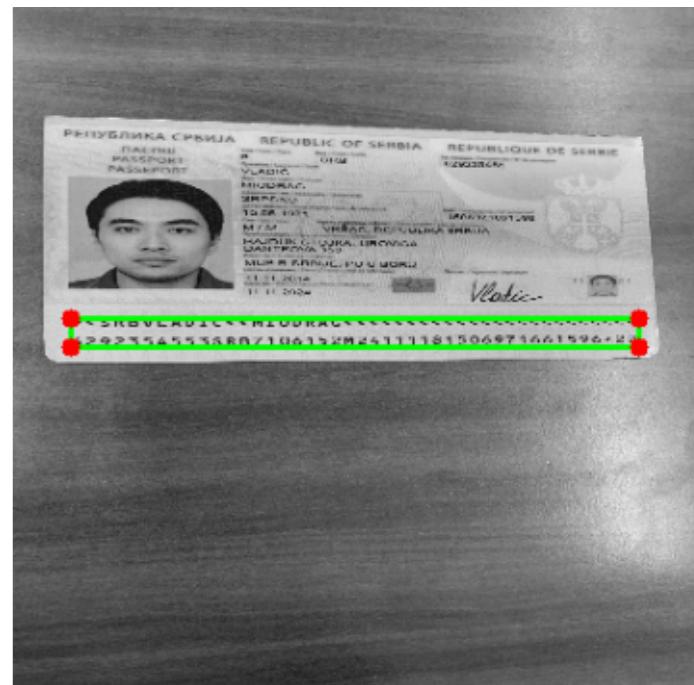
Probability Heatmap



Mask Overlay



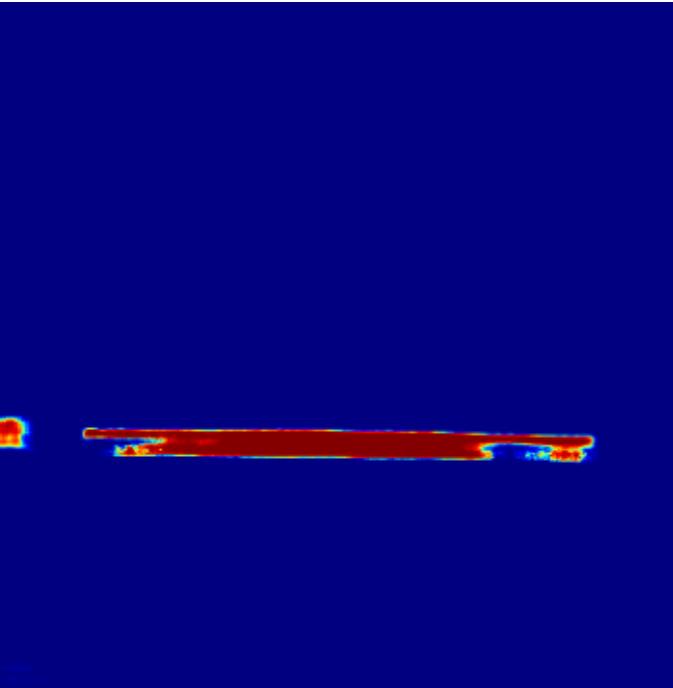
OBB Detection
IoU: 0.901



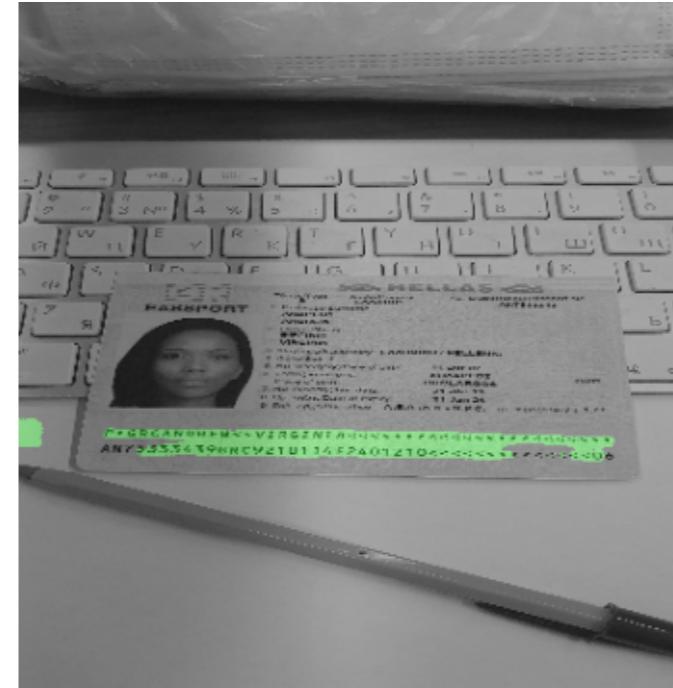
Original
grc_passport (photo)



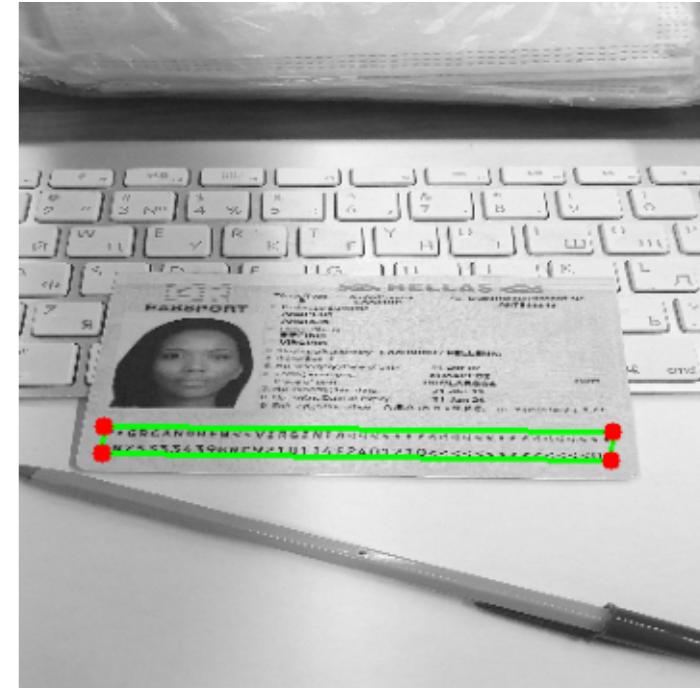
Probability Heatmap



Mask Overlay



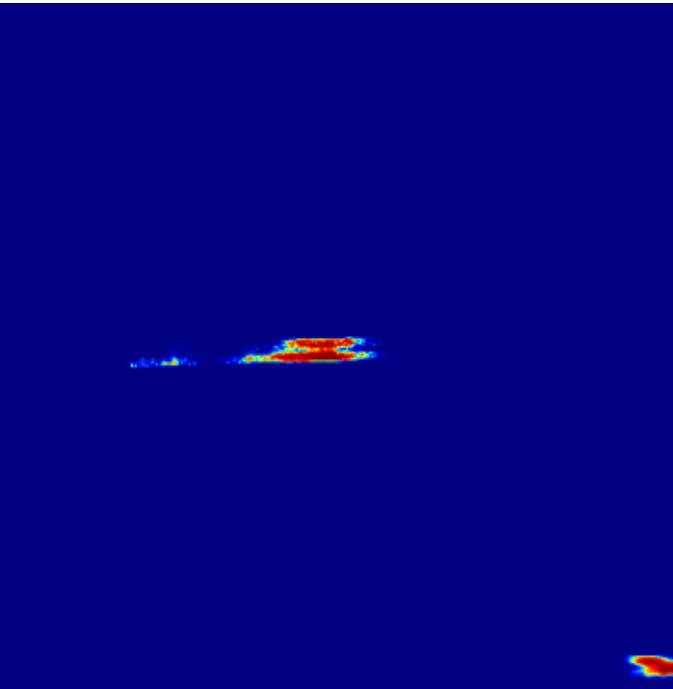
OBB Detection
IoU: 0.693



Original
grc_passport (photo)



Probability Heatmap



Mask Overlay



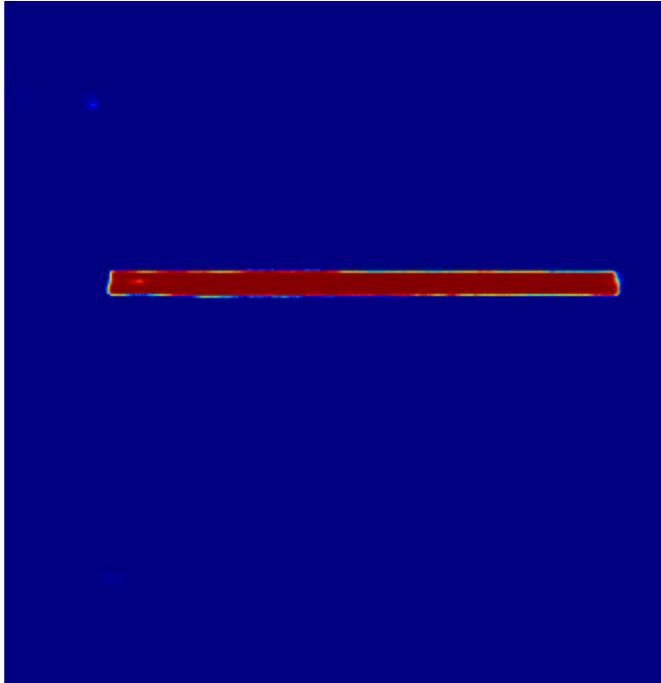
OBB Detection
IoU: 0.164



Original
grc_passport (photo)



Probability Heatmap



Mask Overlay



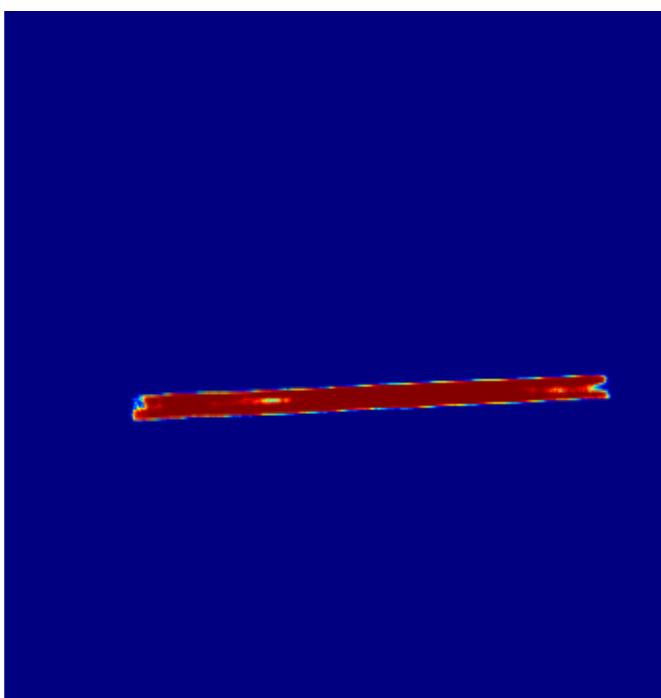
OBB Detection
IoU: 0.858



Original
grc_passport (photo)



Probability Heatmap



Mask Overlay



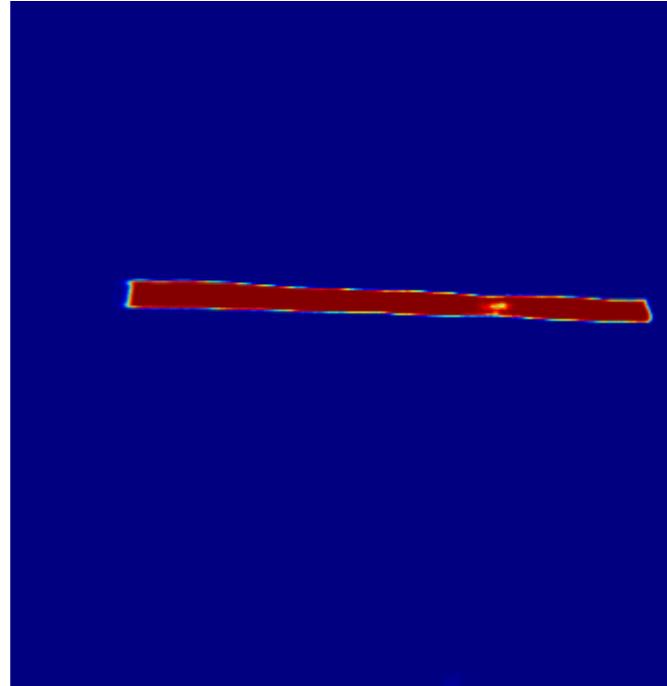
OBB Detection
IoU: 0.874



Original
aze_passport (photo)



Probability Heatmap



Mask Overlay



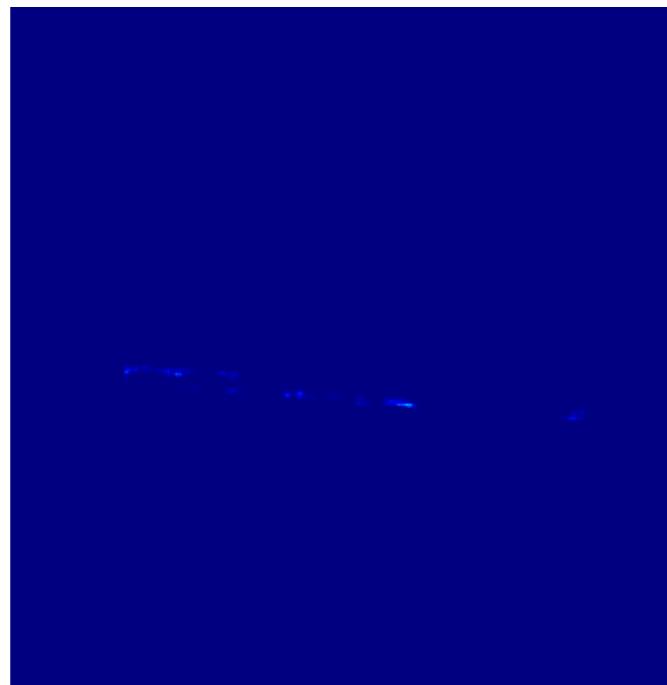
OBB Detection
IoU: 0.832



Original
srб_passport (photo)



Probability Heatmap



Mask Overlay



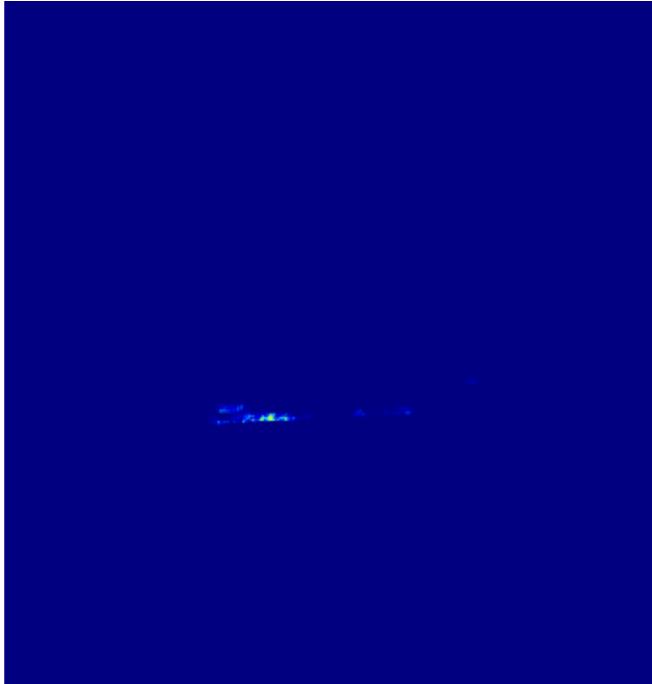
OBB Detection
IoU: 0.000



Original
grc_passport (photo)



Probability Heatmap



Mask Overlay



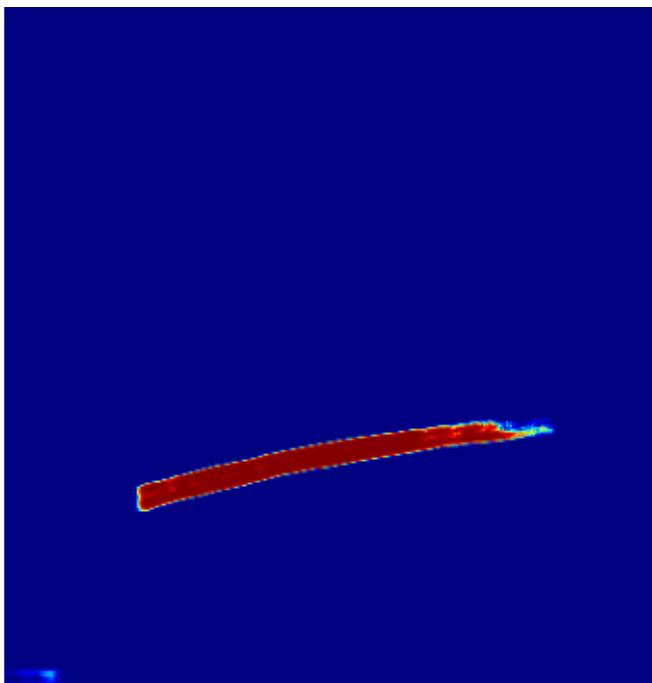
OBB Detection
IoU: 0.004



Original
lva_passport (photo)



Probability Heatmap



Mask Overlay



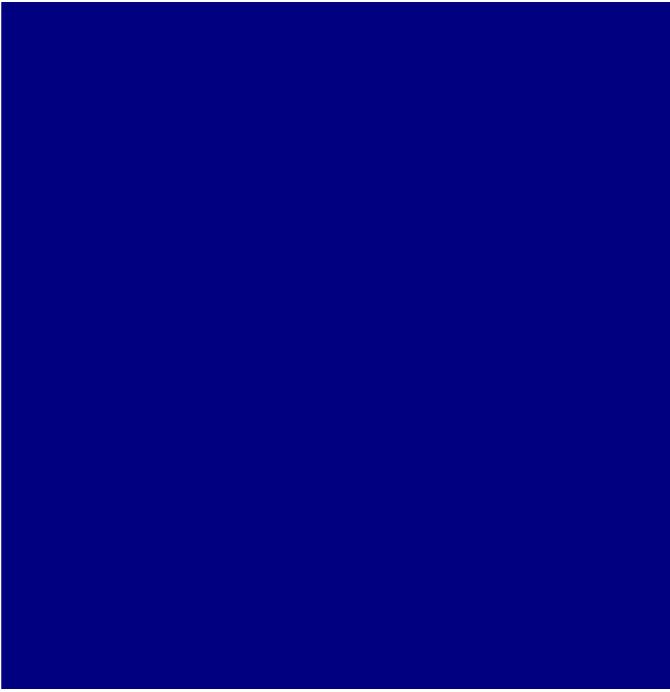
OBB Detection
IoU: 0.429



Original
srb_passport (photo)



Probability Heatmap



Mask Overlay



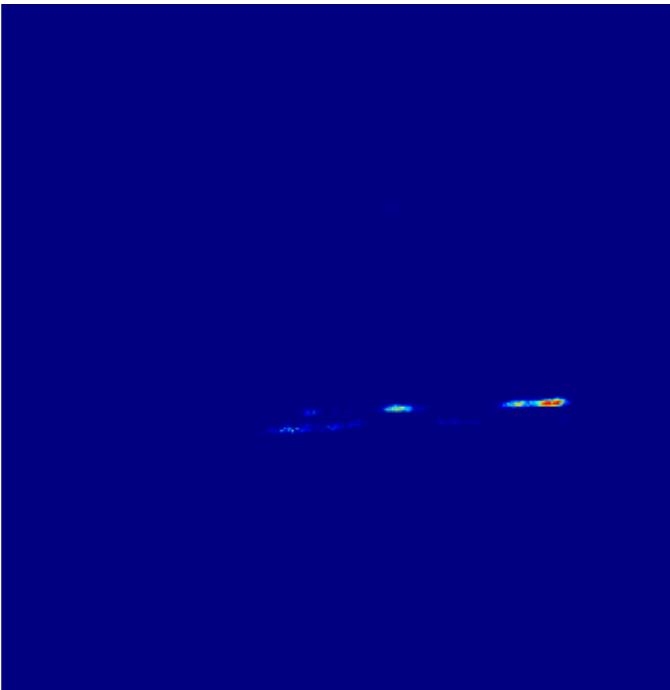
OBB Detection
IoU: 0.000



Original
srb_passport (photo)



Probability Heatmap



Mask Overlay



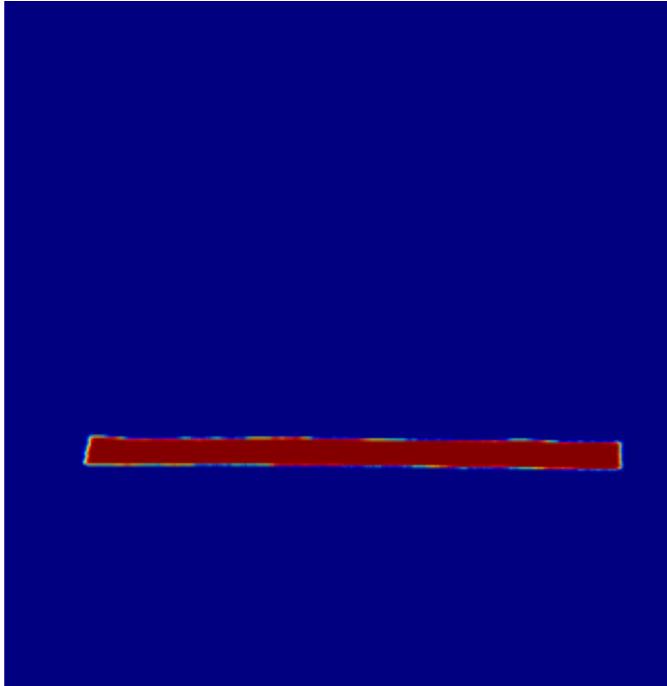
OBB Detection
IoU: 0.018



Original
lva_passport (photo)



Probability Heatmap



Mask Overlay



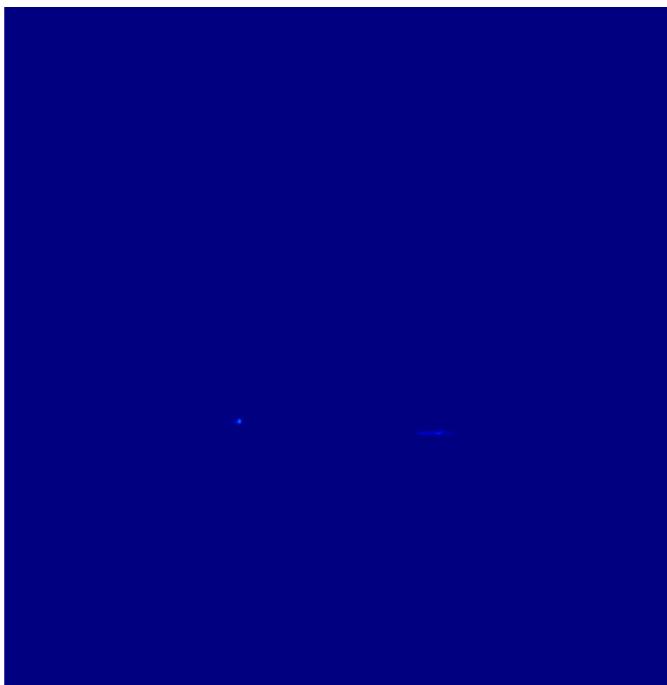
OBB Detection
IoU: 0.877



Original
grc_passport (photo)



Probability Heatmap



Mask Overlay



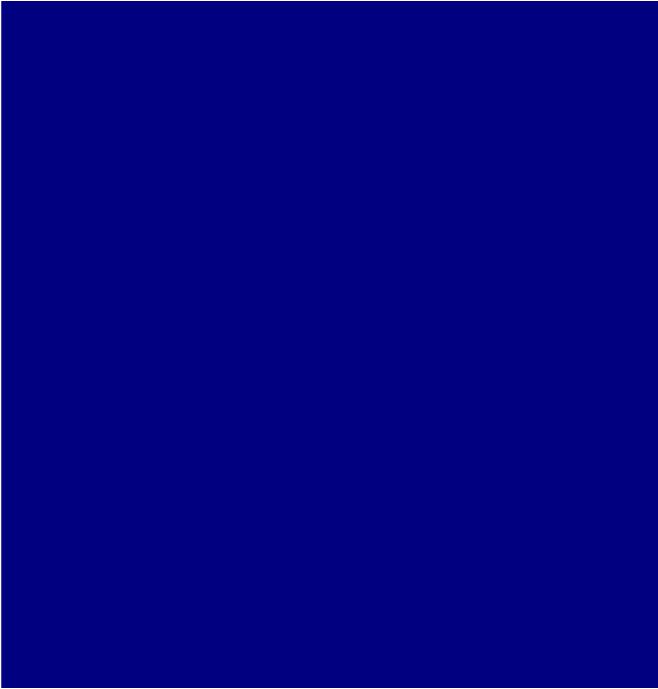
OBB Detection
IoU: 0.000



Original
aze_passport (photo)



Probability Heatmap



Mask Overlay



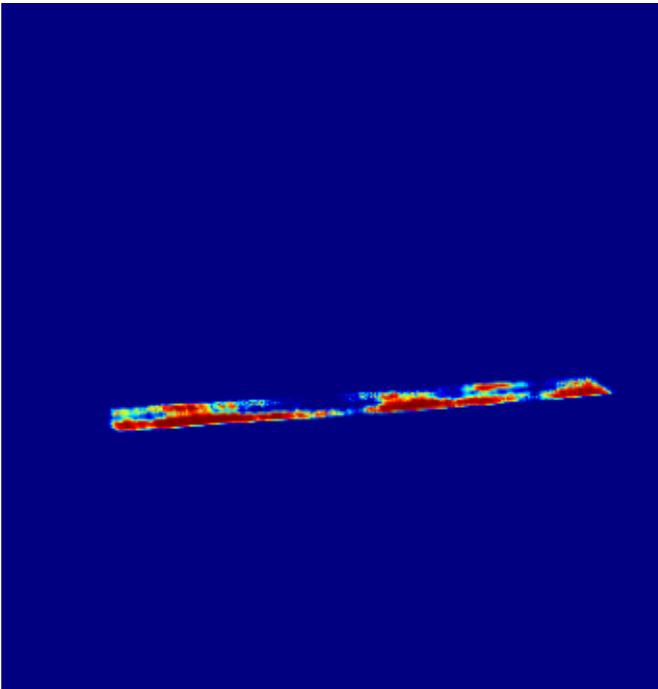
OBB Detection
IoU: 0.000



Original
srб_passport (photo)



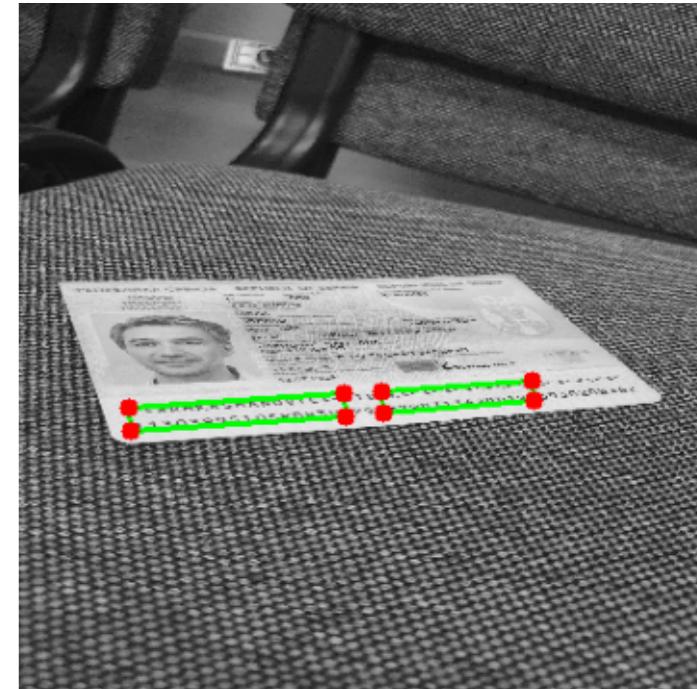
Probability Heatmap



Mask Overlay



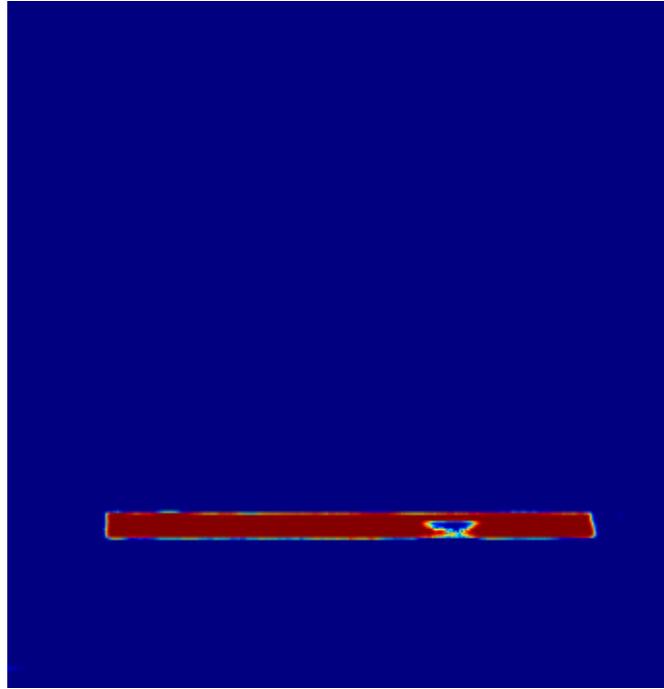
OBB Detection
IoU: 0.500



Original
aze_passport (photo)



Probability Heatmap



Mask Overlay



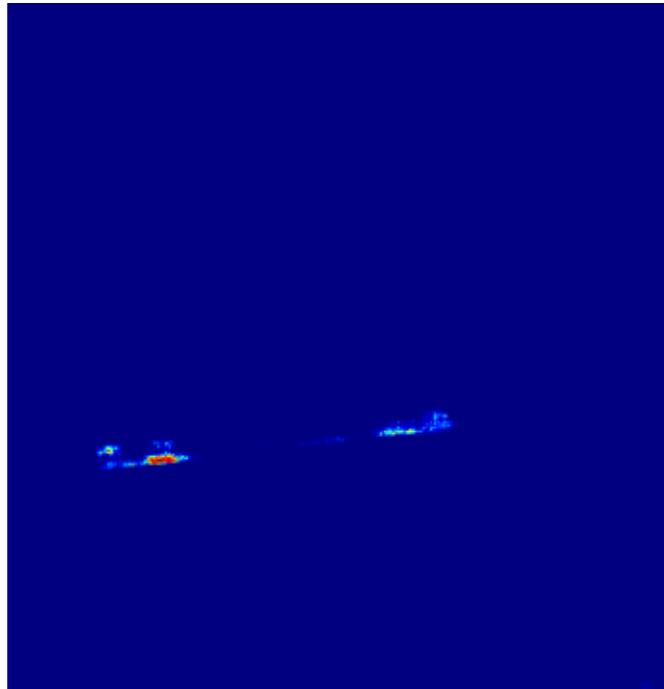
OBB Detection
IoU: 0.828



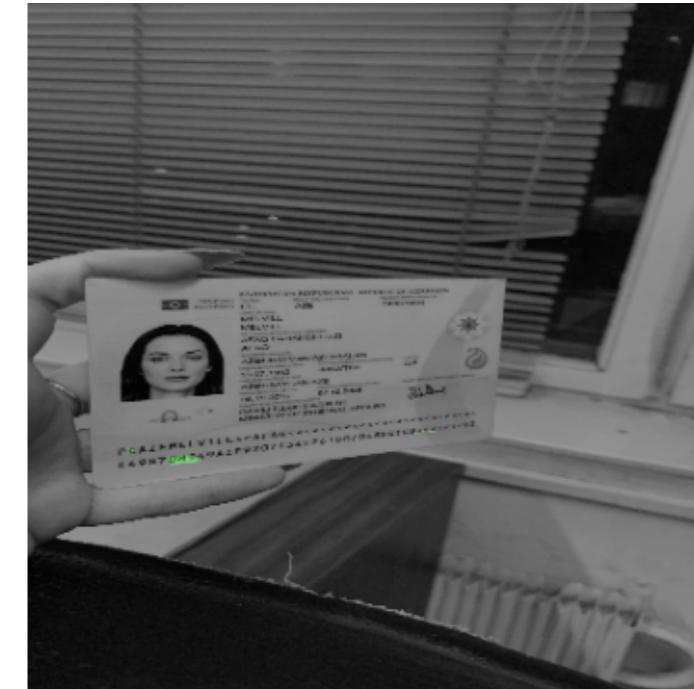
Original
aze_passport (photo)



Probability Heatmap



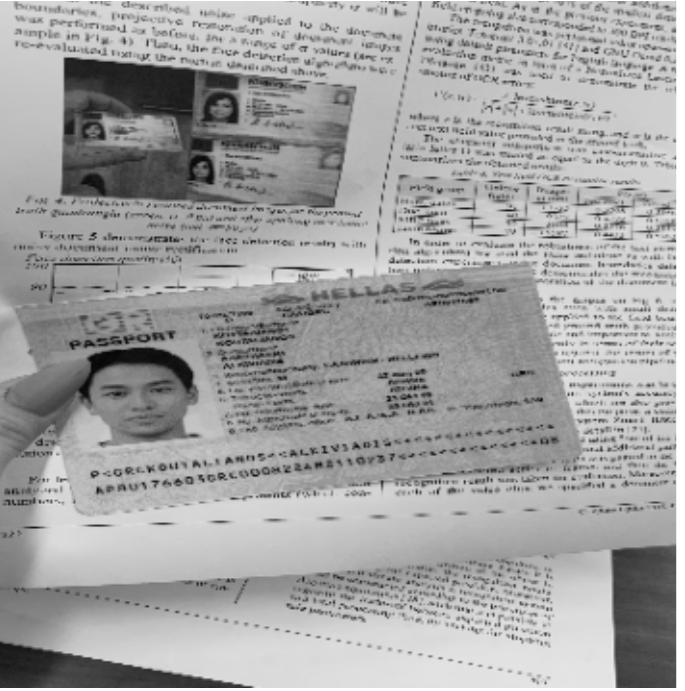
Mask Overlay



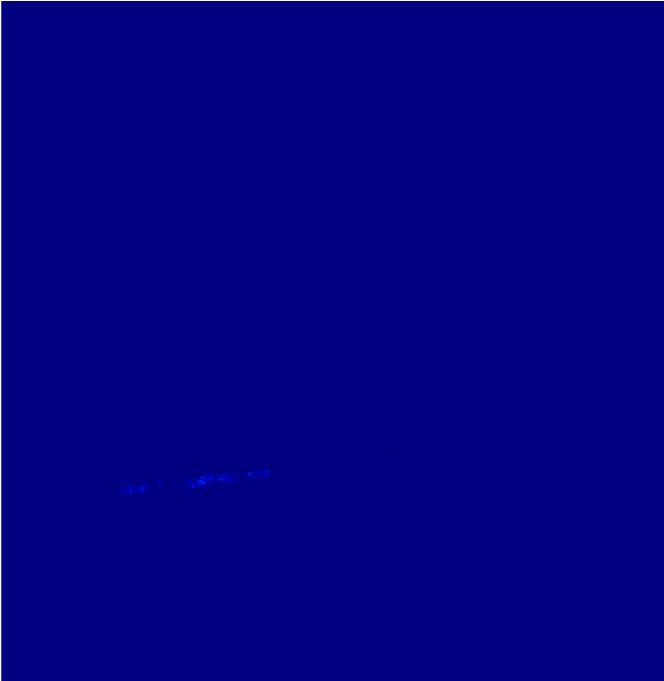
OBB Detection
IoU: 0.038



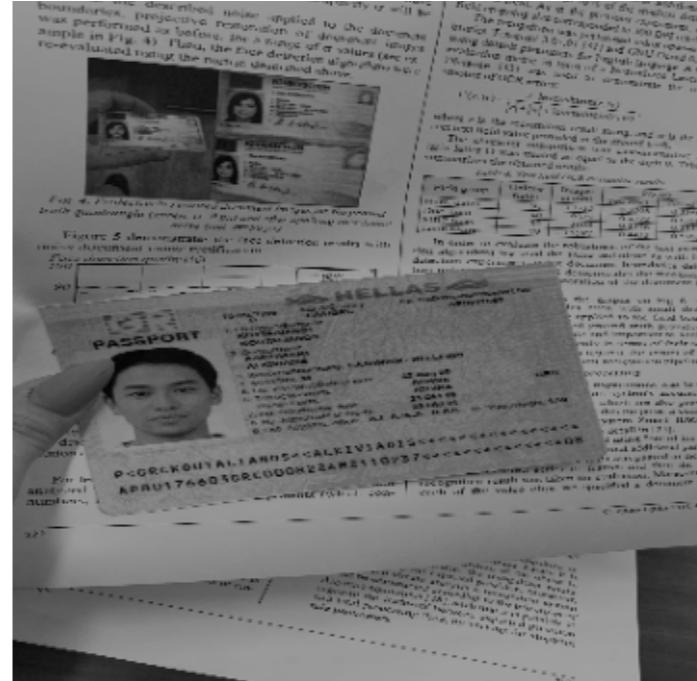
Original
grc_passport (photo)



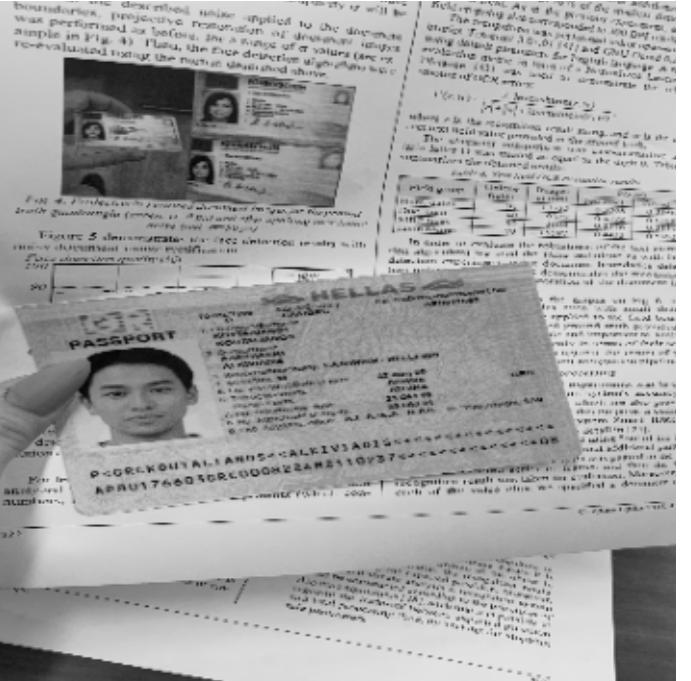
Probability Heatmap



Mask Overlay



OBB Detection
IoU: 0.000

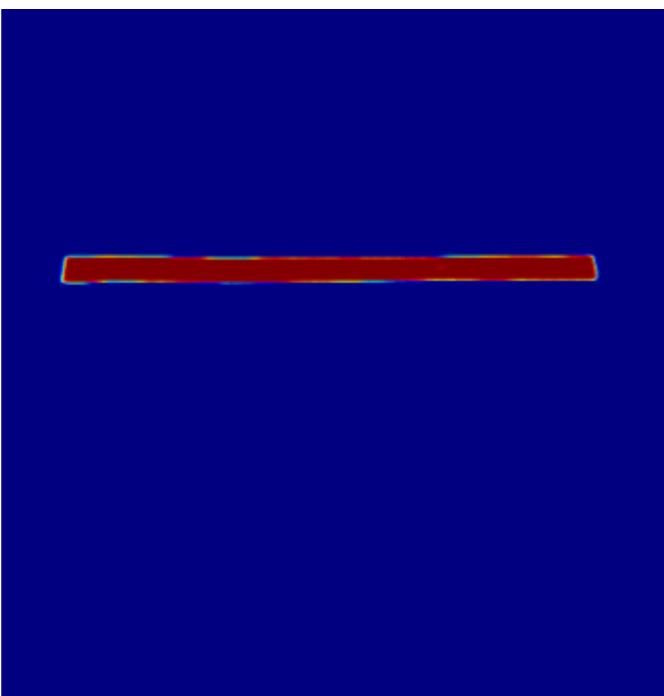


OBB Detection
IoU: 0.842

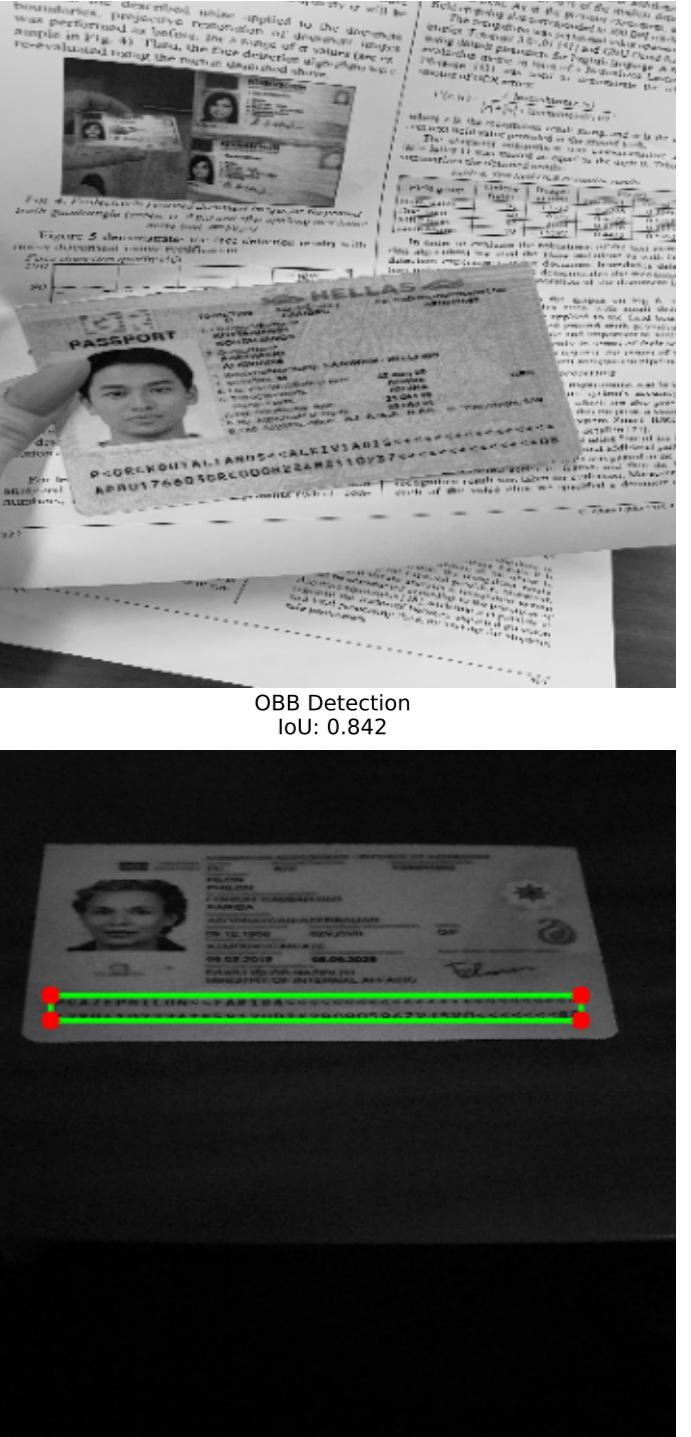
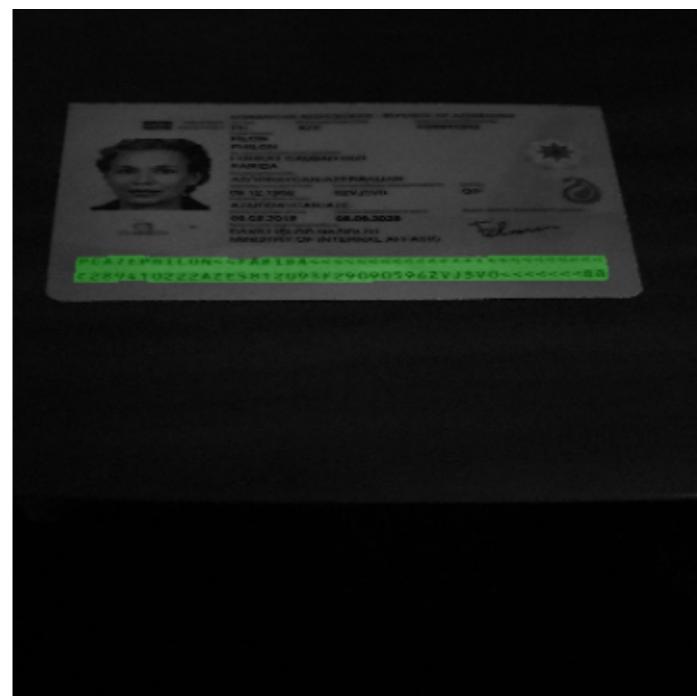
Original
aze_passport (photo)



Probability Heatmap



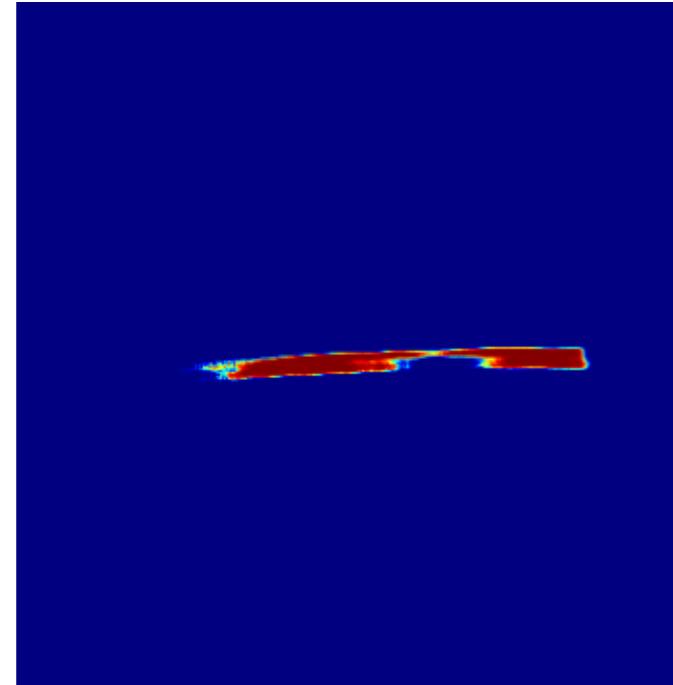
Mask Overlay



Original
srb_passport (photo)



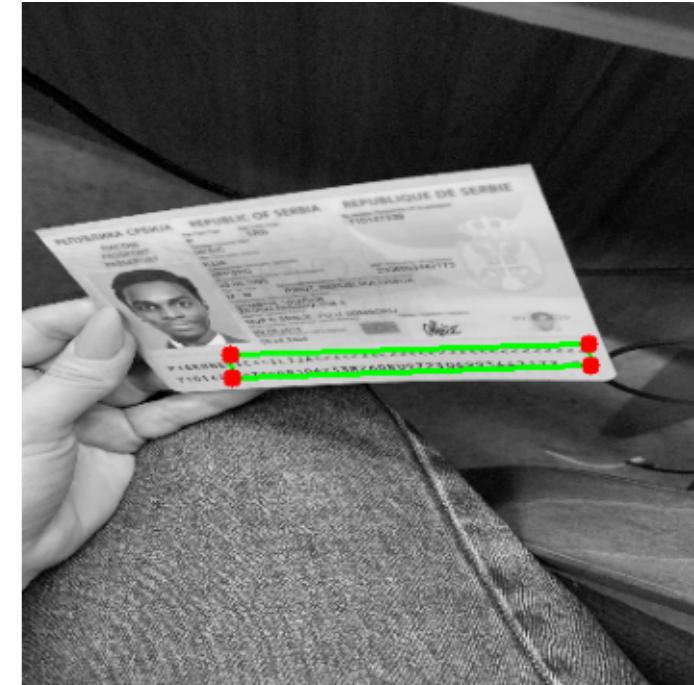
Probability Heatmap



Mask Overlay



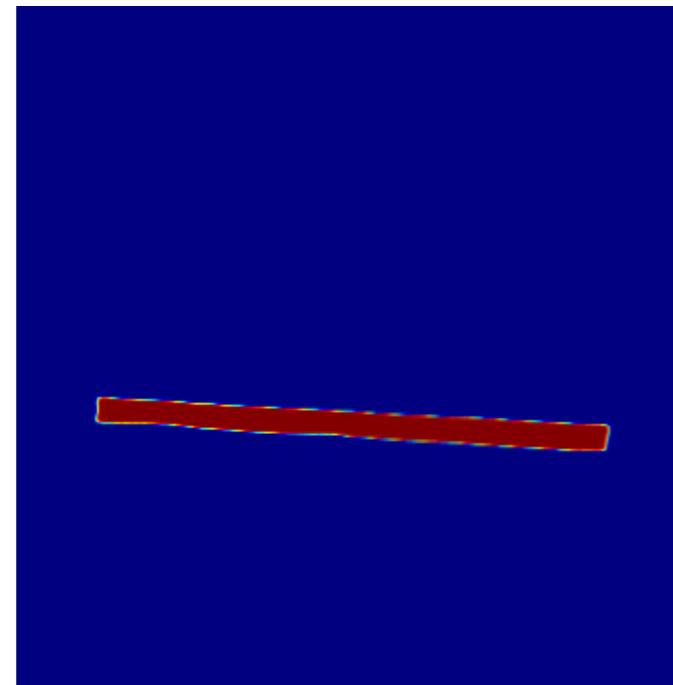
OBB Detection
IoU: 0.495



Original
aze_passport (photo)



Probability Heatmap



Mask Overlay



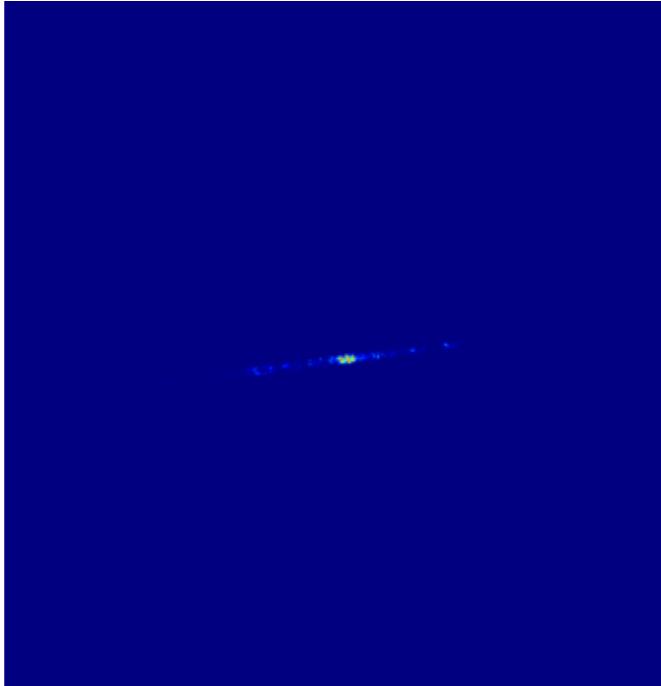
OBB Detection
IoU: 0.849



Original
lva_passport (photo)



Probability Heatmap



Mask Overlay



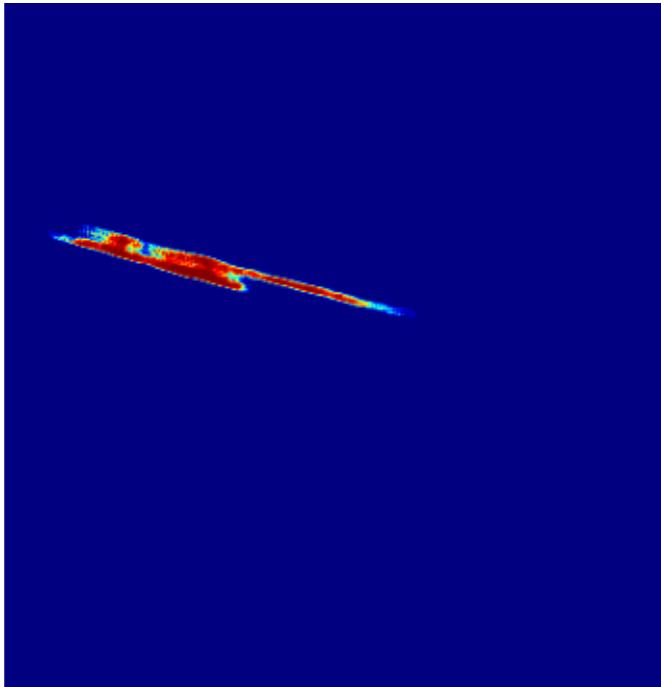
OBB Detection
IoU: 0.005



Original
srb_passport (photo)



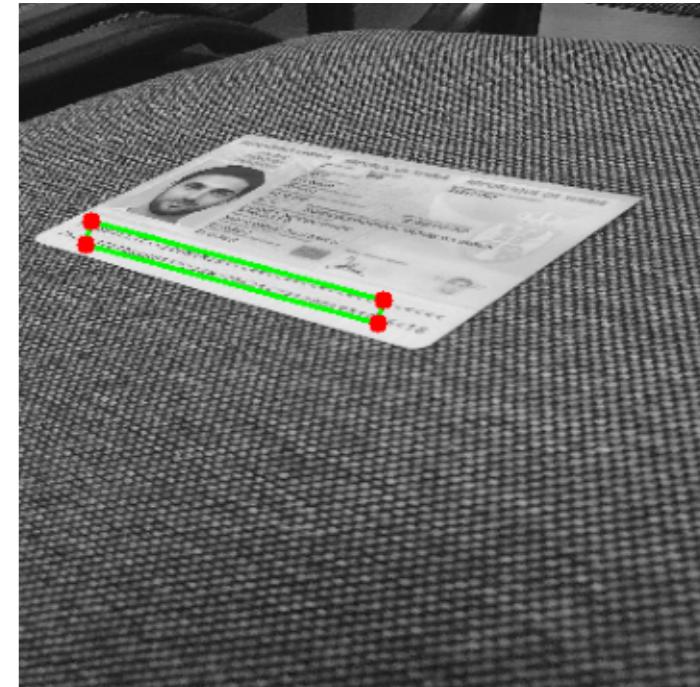
Probability Heatmap



Mask Overlay



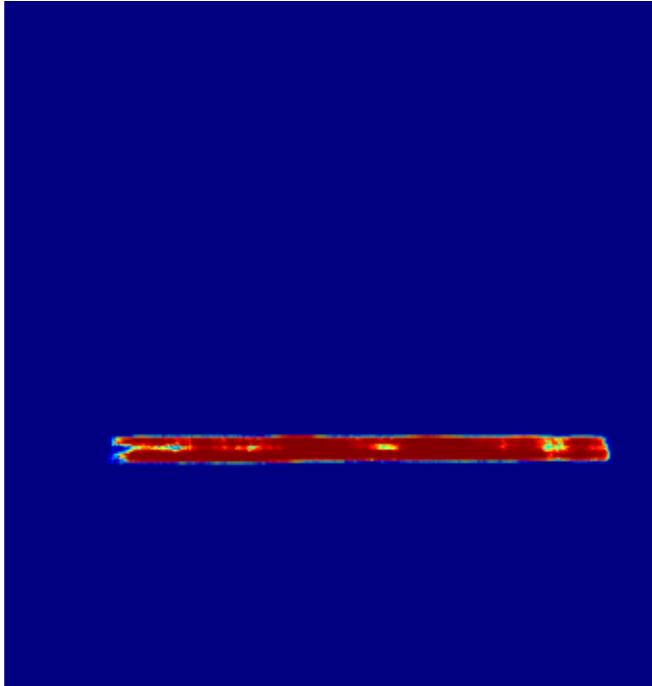
OBB Detection
IoU: 0.451



Original
lva_passport (photo)



Probability Heatmap



Mask Overlay



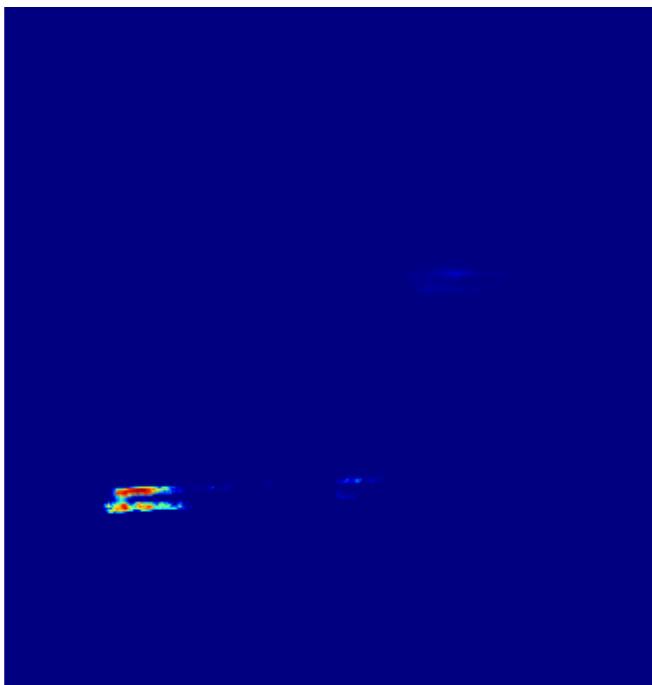
OBB Detection
IoU: 0.835



Original
srб_passport (photo)



Probability Heatmap



Mask Overlay



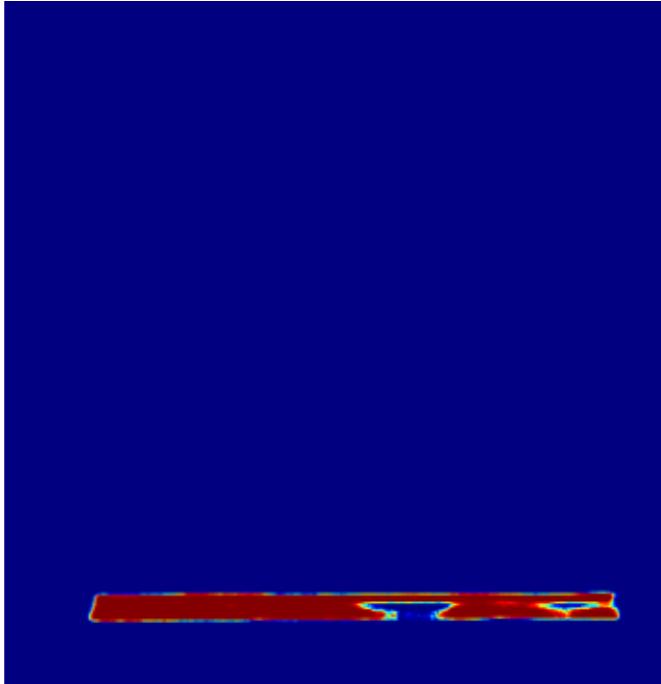
OBB Detection
IoU: 0.060



Original
srb_passport (photo)



Probability Heatmap



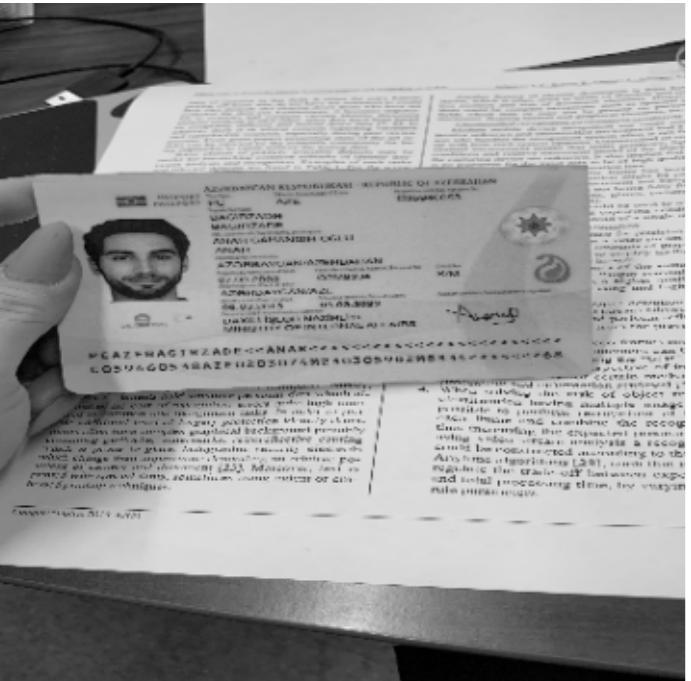
Mask Overlay



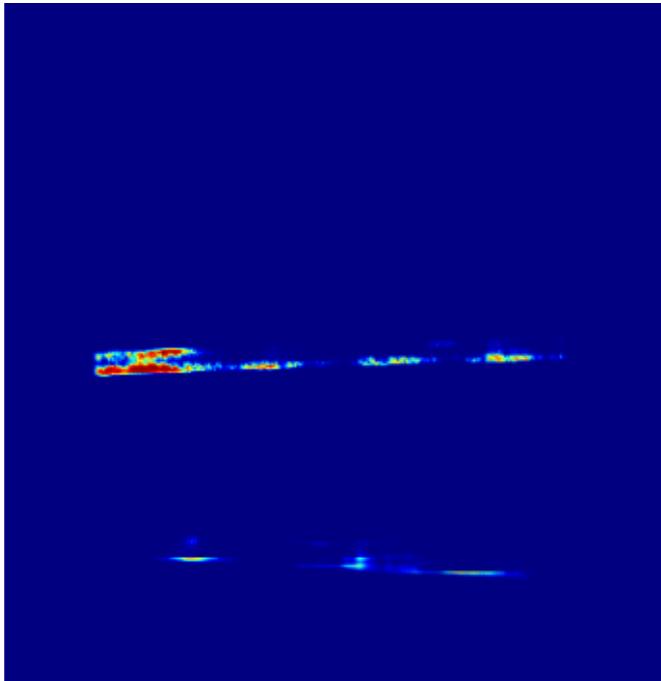
OBB Detection
IoU: 0.844



Original
aze_passport (photo)



Probability Heatmap



Mask Overlay



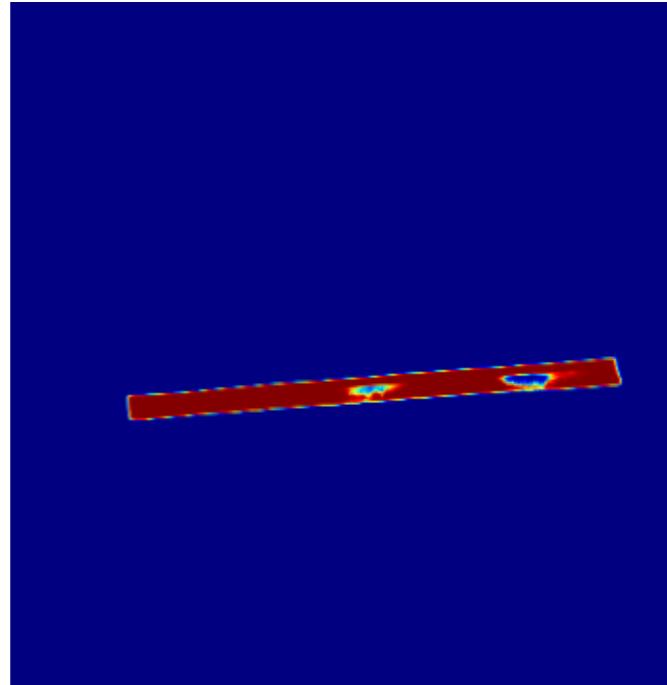
OBB Detection
IoU: 0.154



Original
srb_passport (photo)



Probability Heatmap



Mask Overlay



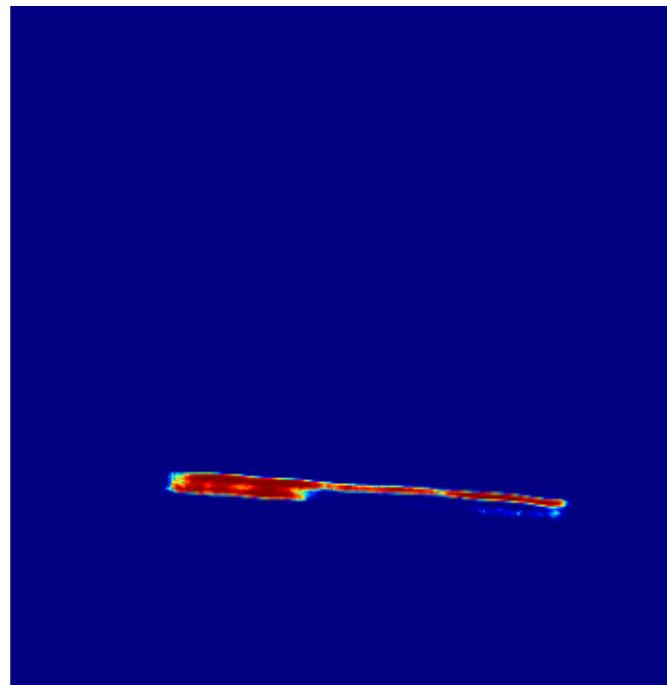
OBB Detection
IoU: 0.783



Original
srb_passport (photo)



Probability Heatmap



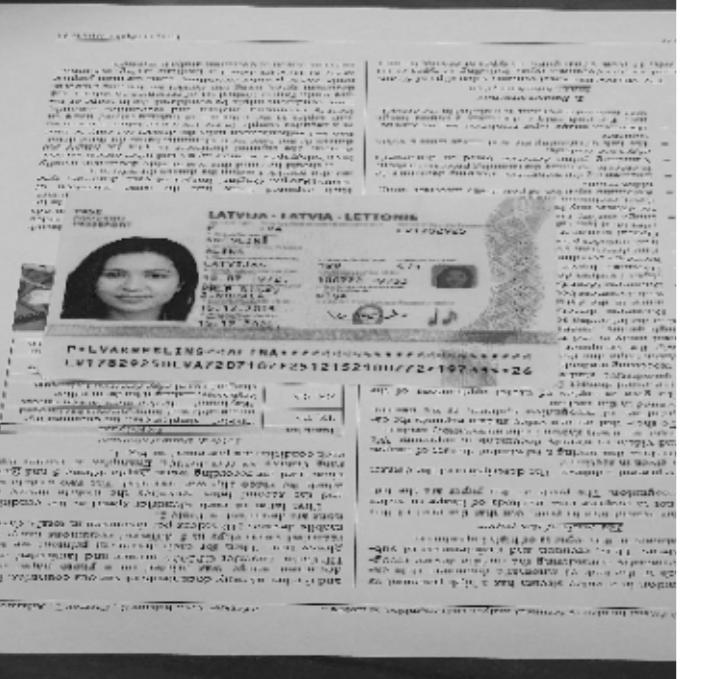
Mask Overlay



OBB Detection
IoU: 0.438



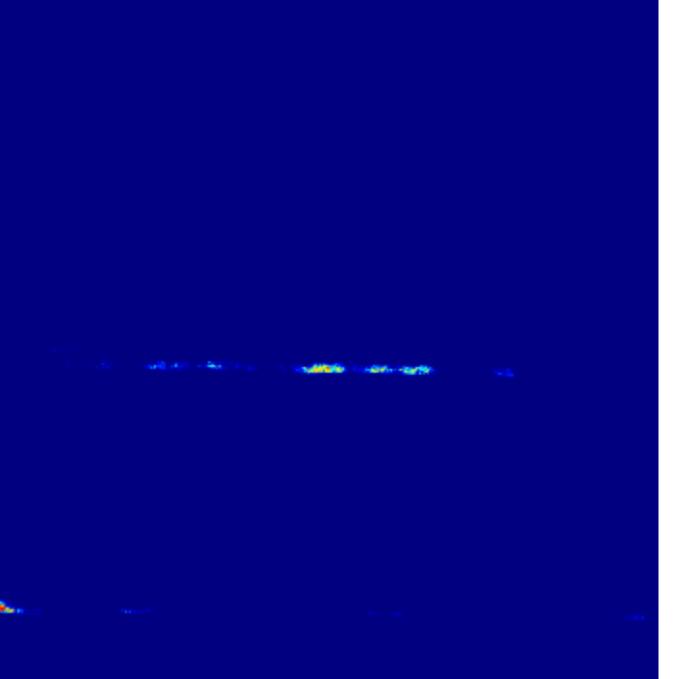
Original
wa_passport (photo)



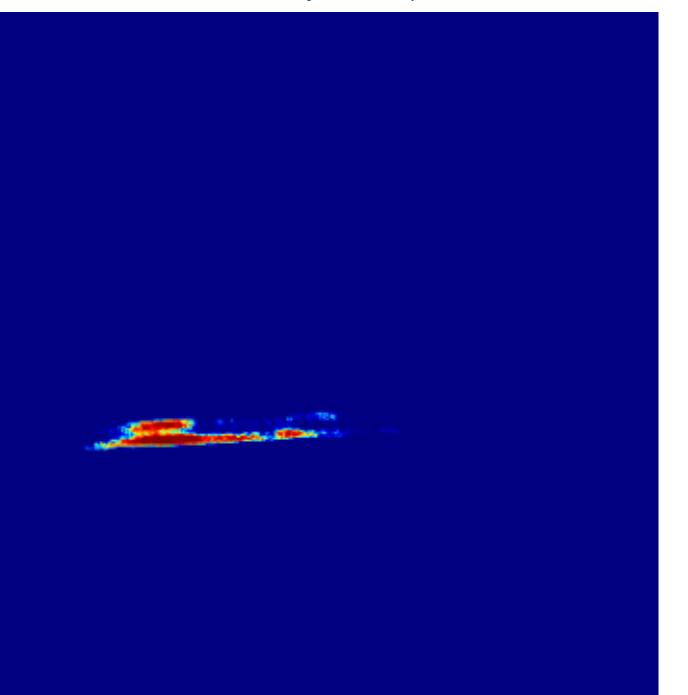
Original
grc_passport (photo)



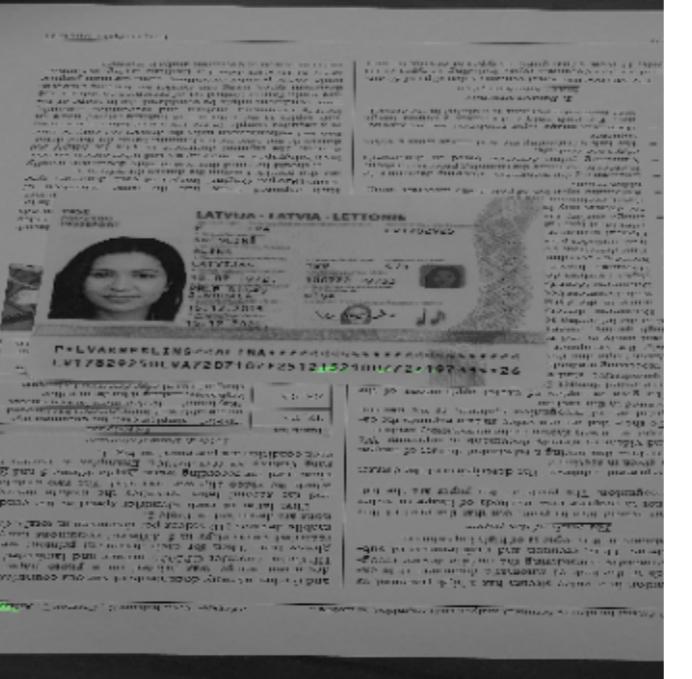
Probability Heatmap



Probability Heatmap



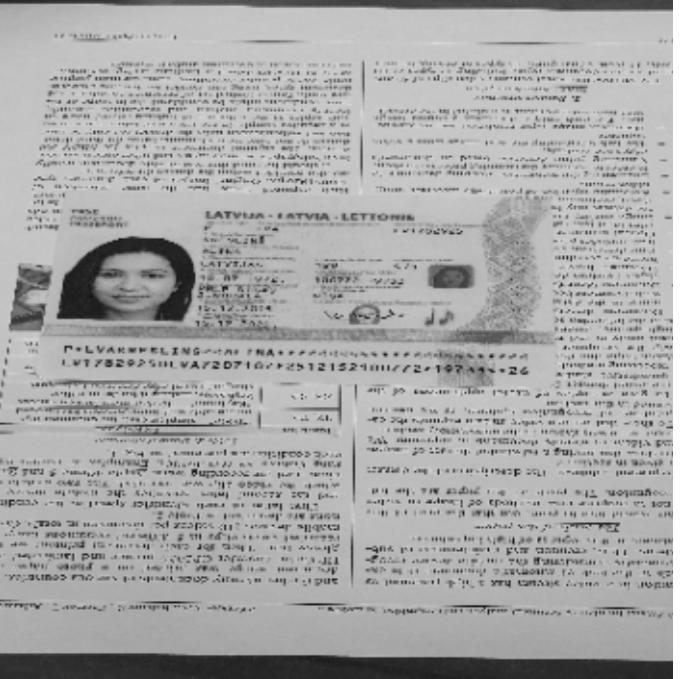
Mask Overlay



Mask Overlay



BB Detection
IoU: 0.019



BB Detection
IoU: 0.182

