



2015.09-2019.06

2021.09-

Machine vision detection principle and application

10%

2022.9-2023.7

1.

VR

<3%

<3% <3s

1 VR

5K*5K

30pix

2

1000

40

3

OLED

100 epoch

yolov5

map0.75

map0.84

300 epoch

map0.89

IOUloss

map0.95

10ms

<2s

2.

VR

tricks

resize 2