

All Datasets and Classes for Detection System

1. Weapon Detection

Path: Weapon Detection/

nc: 3

Classes: gun, heavy-weapon, knife

2. Fire and Smoke Detection

Path: Fire and Smoke Detection/

nc: 2

Classes: fire, smoke

3. License Plate

Path: License Plate/

nc: 1

Classes: License_Plate

4. Vehicle Detection

Path: Vehicle Detection/

nc: 6

Classes: bus, car, microbus, motorbike, pickup-van, truck

5. Wider Face

Path: Wider Face/

nc: 1

Classes: face

6. COCO (COCO 2017)

Path: coco/

nc: 80

Classes: person, bicycle, car, motorcycle, airplane, bus, train, truck, boat, traffic light, fire hydrant, stop sign, parking meter, bench, bird, cat, dog, horse, sheep, cow, elephant, bear, zebra, giraffe, backpack, umbrella, handbag, tie, suitcase, frisbee, skis, snowboard, sports ball, kite, baseball bat, baseball glove, skateboard, surfboard, tennis racket, bottle, wine glass, cup, fork, knife, spoon, bowl, banana, apple, sandwich, orange, broccoli, carrot, hot dog, pizza, donut, cake, chair, couch, potted plant, bed, dining table, toilet, tv, laptop, mouse, remote, keyboard, cell phone, microwave, oven, toaster, sink, refrigerator, book, clock, vase, scissors, teddy bear, hair drier, toothbrush