

Python 3.6.8 |Anaconda custom (64-bit)| (default, Feb 21 2019, 18:30:04) [MSC v.1916 64 bit (AMD64)] on win32

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>>>

RESTART: C:\ObjDetAPI\models-master\research\object_detection\0
Tracker_Evaluator.py

True

Frame: 2 Total Penalty: 0.048771916123237946
 GT_area: 25038
 ST_area: 24931
 Overlap_area: 24360
 IOU: 0.951228083876762
 Centre Distance: 2.0
 Category: True Positive

Frame: 3 Total Penalty: 0.11514272089401101
 GT_area: 23868
 ST_area: 24931
 Overlap_area: 23562
 IOU: 0.9336291952292269
 Centre Distance: 0.5
 Category: True Positive

Frame: 4 Total Penalty: 0.20618031258105263
 GT_area: 25038
 ST_area: 24931
 Overlap_area: 23793
 IOU: 0.9089624083129584
 Centre Distance: 4.0
 Category: True Positive

Frame: 5 Total Penalty: 0.25837583867881564
 GT_area: 24440
 ST_area: 24931
 Overlap_area: 24024
 IOU: 0.947804473902237
 Centre Distance: 0.5
 Category: True Positive

Frame: 6 Total Penalty: 0.30793805251125195
 GT_area: 23970
 ST_area: 24592
 Overlap_area: 23664
 IOU: 0.9504377861675637
 Centre Distance: 2.0
 Category: True Positive

Frame: 7 Total Penalty: 0.3432500282242822
 GT_area: 24592
 ST_area: 24592
 Overlap_area: 24150
 IOU: 0.9646880242869698
 Centre Distance: 1.0
 Category: True Positive

Frame: 8 Total Penalty: 0.4083726975078936
 GT_area: 24360
 ST_area: 24931
 Overlap_area: 23816
 IOU: 0.9348773307163886
 Centre Distance: 2.0
 Category: True Positive

Frame: 9 Total Penalty: 0.46049487124847277
 GT_area: 24514
 ST_area: 24592
 Overlap_area: 23896
 IOU: 0.9478778262594209
 Centre Distance: 0.5
 Category: True Positive

Frame: 10 Total Penalty: 0.5249691949160574
 GT_area: 23200
 ST_area: 24592
 Overlap_area: 23100
 IOU: 0.9355256763324153
 Centre Distance: 1.0
 Category: True Positive

Frame: 11 Total Penalty: 0.5790714059794736
 GT_area: 23460
 ST_area: 24592
 Overlap_area: 23358
 IOU: 0.9458977889365838
 Centre Distance: 1.0
 Category: True Positive

Frame: 12 Total Penalty: 0.638562297326253
 GT_area: 23129
 ST_area: 24592
 Overlap_area: 23129
 IOU: 0.9405091086532206
 Centre Distance: 0.5
 Category: True Positive

Frame: 13 Total Penalty: 0.7115588060144026
 GT_area: 23533
 ST_area: 24486
 Overlap_area: 23100
 IOU: 0.9270034913118504
 Centre Distance: 3.5
 Category: True Positive

Frame: 14 Total Penalty: 0.7708635094908852
 GT_area: 23300
 ST_area: 24150
 Overlap_area: 23000
 IOU: 0.9406952965235174

Centre Distance: 0.5
Category: True Positive

Frame: 15 Total Penalty: 0.854479984173905
 GT_area: 22310
 ST_area: 23940
 Overlap_area: 22116
 IOU: 0.9163835253169802
 Centre Distance: 1.0
 Category: True Positive

Frame: 16 Total Penalty: 0.9683119119105376
 GT_area: 20884
 ST_area: 23175
 Overlap_area: 20700
 IOU: 0.8861680722633675
 Centre Distance: 0.5
 Category: True Positive

Frame: 17 Total Penalty: 1.0287746499905581
 GT_area: 22344
 ST_area: 23175
 Overlap_area: 22050
 IOU: 0.9395372619199795
 Centre Distance: 1.5
 Category: True Positive

Frame: 18 Total Penalty: 1.1201711159366896
 GT_area: 21755
 ST_area: 22746
 Overlap_area: 21185
 IOU: 0.9086035340538686
 Centre Distance: 2.5
 Category: True Positive

Frame: 19 Total Penalty: 1.2535422108780865
 GT_area: 20520
 ST_area: 22321
 Overlap_area: 19890
 IOU: 0.8666289050586031
 Centre Distance: 2.5
 Category: True Positive

Frame: 20 Total Penalty: 1.3540986496698193
 GT_area: 21111
 ST_area: 21900
 Overlap_area: 20367
 IOU: 0.8994435612082671
 Centre Distance: 1.5
 Category: True Positive

Frame: 21 Total Penalty: 1.466333501544875
 GT_area: 20384
 ST_area: 21800

Overlap_area: 19838
IOU: 0.8877651481249441
Centre Distance: 3.5
Category: True Positive

Frame: 22 Total Penalty: 1.5825615717203136
GT_area: 20608
ST_area: 21483
Overlap_area: 19747
IOU: 0.8837719298245614
Centre Distance: 4.5
Category: True Positive

Frame: 23 Total Penalty: 1.6951357223584584
GT_area: 20516
ST_area: 21483
Overlap_area: 19747
IOU: 0.8874258493618551
Centre Distance: 4.5
Category: True Positive

Frame: 24 Total Penalty: 1.7973410186121117
GT_area: 21056
ST_area: 21800
Overlap_area: 20274
IOU: 0.8977947037463466
Centre Distance: 4.0
Category: True Positive

Frame: 25 Total Penalty: 1.9438578916705396
GT_area: 21755
ST_area: 21800
Overlap_area: 20056
IOU: 0.853483126941572
Centre Distance: 5.5
Category: True Positive

Frame: 26 Total Penalty: 2.0510774594608345
GT_area: 21280
ST_area: 21900
Overlap_area: 20367
IOU: 0.892780432209705
Centre Distance: 4.5
Category: True Positive

Frame: 27 Total Penalty: 2.2009004192321755
GT_area: 21470
ST_area: 21900
Overlap_area: 19929
IOU: 0.8501770402286591
Centre Distance: 6.5
Category: True Positive

Frame: 28 Total Penalty: 2.3642947895045685

GT_area: 22213
ST_area: 22220
Overlap_area: 20240
IOU: 0.8366056297276072
Centre Distance: 7.0
Category: True Positive

Frame: 29 Total Penalty: 2.523118318916333
GT_area: 21600
ST_area: 22220
Overlap_area: 20020
IOU: 0.8411764705882353
Centre Distance: 7.5
Category: True Positive

Frame: 30 Total Penalty: 2.6831448793412997
GT_area: 22116
ST_area: 22220
Overlap_area: 20240
IOU: 0.8399734395750332
Centre Distance: 7.0
Category: True Positive

Frame: 31 Total Penalty: 2.8640929937014854
GT_area: 22344
ST_area: 22321
Overlap_area: 20111
IOU: 0.8190518856398142
Centre Distance: 8.5
Category: True Positive

Frame: 32 Total Penalty: 3.01369535869295
GT_area: 22019
ST_area: 22422
Overlap_area: 20424
IOU: 0.8503976350085356
Centre Distance: 7.0
Category: True Positive

Frame: 33 Total Penalty: 3.215861423674899
GT_area: 22176
ST_area: 22644
Overlap_area: 19890
IOU: 0.7978339350180506
Centre Distance: 10.5
Category: True Positive

Frame: 34 Total Penalty: 3.455569385908759
GT_area: 23730
ST_area: 22321
Overlap_area: 19890
IOU: 0.7602920377661404
Centre Distance: 13.0
Category: True Positive

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Frame: 35  Total Penalty: 3.716895453120385  
          GT_area: 25536  
          ST_area: 22321  
          Overlap_area: 20332  
          IOU: 0.7386739327883742  
          Centre Distance: 14.5  
          Category: True Positive  
-----  
Frame: 36  Total Penalty: 3.997295168678602  
          GT_area: 23625  
          ST_area: 22321  
          Overlap_area: 19227  
          IOU: 0.719600284441783  
          Centre Distance: 16.0  
          Category: True Positive  
-----  
Frame: 37  Total Penalty: 4.262246722303727  
          GT_area: 24416  
          ST_area: 22321  
          Overlap_area: 19800  
          IOU: 0.7350484463748747  
          Centre Distance: 15.0  
          Category: True Positive  
-----  
Frame: 38  Total Penalty: 4.556233853433081  
          GT_area: 23712  
          ST_area: 22422  
          Overlap_area: 19092  
          IOU: 0.7060128688706456  
          Centre Distance: 16.5  
          Category: True Positive  
-----  
Frame: 39  Total Penalty: 4.8152458694544436  
          GT_area: 24300  
          ST_area: 22644  
          Overlap_area: 19980  
          IOU: 0.7409879839786382  
          Centre Distance: 15.0  
          Category: True Positive  
-----  
Frame: 40  Total Penalty: 5.073817934171677  
          GT_area: 24182  
          ST_area: 22746  
          Overlap_area: 19980  
          IOU: 0.7414279352827668  
          Centre Distance: 14.5  
          Category: True Positive  
-----  
Frame: 41  Total Penalty: 5.328007878305755  
          GT_area: 23504  
          ST_area: 22746  
          Overlap_area: 19758  
          IOU: 0.7458100558659218
```

Centre Distance: 14.0
Category: True Positive

Frame: 42 Total Penalty: 5.58511421008497
 GT_area: 23608
 ST_area: 22746
 Overlap_area: 19758
 IOU: 0.7428936682207851
 Centre Distance: 14.0
 Category: True Positive

Frame: 43 Total Penalty: 5.843282194569529
 GT_area: 23956
 ST_area: 22746
 Overlap_area: 19890
 IOU: 0.7418320155154409
 Centre Distance: 14.0
 Category: True Positive

Frame: 44 Total Penalty: 6.082718814287839
 GT_area: 23504
 ST_area: 22746
 Overlap_area: 19980
 IOU: 0.7605633802816901
 Centre Distance: 13.0
 Category: True Positive

Frame: 45 Total Penalty: 6.322975351041662
 GT_area: 23625
 ST_area: 22746
 Overlap_area: 20020
 IOU: 0.7597434632461766
 Centre Distance: 12.5
 Category: True Positive

Frame: 46 Total Penalty: 6.560192450790195
 GT_area: 23520
 ST_area: 22746
 Overlap_area: 20020
 IOU: 0.7627829002514669
 Centre Distance: 12.5
 Category: True Positive

Frame: 47 Total Penalty: 6.785633497822456
 GT_area: 23625
 ST_area: 22746
 Overlap_area: 20240
 IOU: 0.7745589529677395
 Centre Distance: 11.5
 Category: True Positive

Frame: 48 Total Penalty: 7.02762270191112
 GT_area: 23175
 ST_area: 22746

Overlap_area: 19800
IOU: 0.7580107959113357
Centre Distance: 12.5
Category: True Positive

Frame: 49 Total Penalty: 7.240506307108798
 GT_area: 22400
 ST_area: 22848
 Overlap_area: 19929
 IOU: 0.7871163948023223
 Centre Distance: 10.0
 Category: True Positive

Frame: 50 Total Penalty: 7.429879441437156
 GT_area: 22644
 ST_area: 22848
 Overlap_area: 20367
 IOU: 0.8106268656716418
 Centre Distance: 9.0
 Category: True Positive

Frame: 51 Total Penalty: 7.614720737248674
 GT_area: 21631
 ST_area: 22746
 Overlap_area: 19929
 IOU: 0.8151587041884817
 Centre Distance: 8.5
 Category: True Positive

Frame: 52 Total Penalty: 7.7557104664736976
 GT_area: 21056
 ST_area: 22746
 Overlap_area: 20240
 IOU: 0.8590102707749766
 Centre Distance: 6.0
 Category: True Positive

Frame: 53 Total Penalty: 7.907270771297232
 GT_area: 20774
 ST_area: 22644
 Overlap_area: 19929
 IOU: 0.8484396951764656
 Centre Distance: 7.0
 Category: True Positive

Frame: 54 Total Penalty: 8.08734646413083
 GT_area: 22077
 ST_area: 22644
 Overlap_area: 20148
 IOU: 0.8199243071664022
 Centre Distance: 8.5
 Category: True Positive

Frame: 55 Total Penalty: 8.245999116617796

GT_area: 21854
ST_area: 22644
Overlap_area: 20332
IOU: 0.8413473475130349
Centre Distance: 8.0
Category: True Positive

Frame: 56 Total Penalty: 8.410636534587997
GT_area: 21825
ST_area: 22644
Overlap_area: 20240
IOU: 0.835362582029799
Centre Distance: 7.5
Category: True Positive

Frame: 57 Total Penalty: 8.563080610810035
GT_area: 21854
ST_area: 22746
Overlap_area: 20460
IOU: 0.8475559237779619
Centre Distance: 7.0
Category: True Positive

Frame: 58 Total Penalty: 8.694975497889205
GT_area: 21756
ST_area: 22746
Overlap_area: 20680
IOU: 0.8681051129208295
Centre Distance: 6.0
Category: True Positive

Frame: 59 Total Penalty: 8.7987781700372
GT_area: 21534
ST_area: 22746
Overlap_area: 20928
IOU: 0.8961973278520041
Centre Distance: 3.5
Category: True Positive

Frame: 60 Total Penalty: 8.91327675700303
GT_area: 20962
ST_area: 23072
Overlap_area: 20680
IOU: 0.8855014130341697
Centre Distance: 3.5
Category: True Positive

Frame: 61 Total Penalty: 9.000921049435695
GT_area: 21658
ST_area: 23072
Overlap_area: 21340
IOU: 0.9123557075673364
Centre Distance: 3.5
Category: True Positive

Frame: 62 Total Penalty: 9.080194627799079
 GT_area: 21243
 ST_area: 23072
 Overlap_area: 21243
 IOU: 0.9207264216366158
 Centre Distance: 3.0
 Category: True Positive

Frame: 63 Total Penalty: 9.14048415623181
 GT_area: 21681
 ST_area: 23072
 Overlap_area: 21681
 IOU: 0.9397104715672677
 Centre Distance: 1.0
 Category: True Positive

Frame: 64 Total Penalty: 9.196406486328899
 GT_area: 21879
 ST_area: 23175
 Overlap_area: 21879
 IOU: 0.9440776699029126
 Centre Distance: 1.0
 Category: True Positive

Frame: 65 Total Penalty: 9.223385209733154
 GT_area: 23088
 ST_area: 23278
 Overlap_area: 22866
 IOU: 0.9730212765957447
 Centre Distance: 0.5
 Category: True Positive

Frame: 66 Total Penalty: 9.28185978600434
 GT_area: 22542
 ST_area: 23278
 Overlap_area: 22220
 IOU: 0.9415254237288135
 Centre Distance: 1.5
 Category: True Positive

Frame: 67 Total Penalty: 9.336247393460294
 GT_area: 22440
 ST_area: 23278
 Overlap_area: 22220
 IOU: 0.9456123925440463
 Centre Distance: 1.5
 Category: True Positive

Frame: 68 Total Penalty: 9.39634705837996
 GT_area: 21879
 ST_area: 23278
 Overlap_area: 21879
 IOU: 0.9399003350803333

Centre Distance: 1.0
Category: True Positive

Frame: 69 Total Penalty: 9.460336166616857
 GT_area: 22000
 ST_area: 23504
 Overlap_area: 22000
 IOU: 0.9360108917631041
 Centre Distance: 1.0
 Category: True Positive

Frame: 70 Total Penalty: 9.49176619033763
 GT_area: 22866
 ST_area: 23608
 Overlap_area: 22866
 IOU: 0.9685699762792274
 Centre Distance: 0.5
 Category: True Positive

Frame: 71 Total Penalty: 9.554939918088946
 GT_area: 22644
 ST_area: 23712
 Overlap_area: 22422
 IOU: 0.9368262722486839
 Centre Distance: 2.0
 Category: True Positive

Frame: 72 Total Penalty: 9.626638815988718
 GT_area: 22321
 ST_area: 24045
 Overlap_area: 22321
 IOU: 0.9283011021002288
 Centre Distance: 2.0
 Category: True Positive

Frame: 73 Total Penalty: 9.683721268420008
 GT_area: 23638
 ST_area: 24150
 Overlap_area: 23192
 IOU: 0.9429175475687104
 Centre Distance: 1.5
 Category: True Positive

Frame: 74 Total Penalty: 9.75462230239342
 GT_area: 22866
 ST_area: 24150
 Overlap_area: 22644
 IOU: 0.9290989660265879
 Centre Distance: 2.0
 Category: True Positive

Frame: 75 Total Penalty: 9.850918895901424
 GT_area: 23296
 ST_area: 24150

Overlap_area: 22523
IOU: 0.9037034064919953
Centre Distance: 3.5
Category: True Positive

Frame: 76 Total Penalty: 9.916424933046917
GT_area: 24075
ST_area: 24150
Overlap_area: 23296
IOU: 0.9344939628545068
Centre Distance: 2.0
Category: True Positive

Frame: 77 Total Penalty: 10.033791345260658
GT_area: 22866
ST_area: 24486
Overlap_area: 22200
IOU: 0.8826335877862596
Centre Distance: 4.5
Category: True Positive

Frame: 78 Total Penalty: 10.140469575963174
GT_area: 23540
ST_area: 24486
Overlap_area: 22660
IOU: 0.8933217692974849
Centre Distance: 3.5
Category: True Positive

Frame: 79 Total Penalty: 10.230565621380602
GT_area: 24525
ST_area: 24592
Overlap_area: 23400
IOU: 0.9099039545825719
Centre Distance: 3.5
Category: True Positive

Frame: 80 Total Penalty: 10.363097616557013
GT_area: 23415
ST_area: 24592
Overlap_area: 22300
IOU: 0.8674680048235889
Centre Distance: 5.5
Category: True Positive

Frame: 81 Total Penalty: 10.498184794461658
GT_area: 23754
ST_area: 24592
Overlap_area: 22422
IOU: 0.8649128220953557
Centre Distance: 5.5
Category: True Positive

Frame: 82 Total Penalty: 10.671633459373279

GT_area: 23976
ST_area: 24592
Overlap_area: 21978
IOU: 0.8265513350883791
Centre Distance: 8.0
Category: True Positive

Frame: 83 Total Penalty: 10.809521936878047
GT_area: 24860
ST_area: 24931
Overlap_area: 23052
IOU: 0.8621115224952317
Centre Distance: 6.5
Category: True Positive

Frame: 84 Total Penalty: 10.96862539276852
GT_area: 25088
ST_area: 24931
Overlap_area: 22848
IOU: 0.8408965441095285
Centre Distance: 7.5
Category: True Positive

Frame: 85 Total Penalty: 11.127596369021818
GT_area: 25200
ST_area: 25038
Overlap_area: 22950
IOU: 0.8410290237467019
Centre Distance: 7.5
Category: True Positive

Frame: 86 Total Penalty: 11.271261151196743
GT_area: 25200
ST_area: 25038
Overlap_area: 23175
IOU: 0.8563352178250748
Centre Distance: 6.5
Category: True Positive

Frame: 87 Total Penalty: 11.415074598305761
GT_area: 25086
ST_area: 25380
Overlap_area: 23278
IOU: 0.8561865528909813
Centre Distance: 6.5
Category: True Positive

Frame: 88 Total Penalty: 11.544273853426803
GT_area: 24743
ST_area: 25488
Overlap_area: 23381
IOU: 0.8708007448789572
Centre Distance: 5.5
Category: True Positive

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Frame: 89   Total Penalty: 11.64046887277098  
           GT_area: 25197  
           ST_area: 25488  
           Overlap_area: 24062  
           IOU: 0.9038049806558239  
           Centre Distance: 3.5  
           Category: True Positive  
-----  
Frame: 90   Total Penalty: 11.744213868842662  
           GT_area: 25197  
           ST_area: 25488  
           Overlap_area: 23956  
           IOU: 0.8962550039283176  
           Centre Distance: 3.5  
           Category: True Positive  
-----  
Frame: 91   Total Penalty: 11.819677023957178  
           GT_area: 25410  
           ST_area: 25596  
           Overlap_area: 24503  
           IOU: 0.9245368448854847  
           Centre Distance: 2.0  
           Category: True Positive  
-----  
Frame: 92   Total Penalty: 11.91272922673328  
           GT_area: 24961  
           ST_area: 25596  
           Overlap_area: 24045  
           IOU: 0.9069477972238986  
           Centre Distance: 3.5  
           Category: True Positive  
-----  
Frame: 93   Total Penalty: 11.999502729428798  
           GT_area: 25872  
           ST_area: 25942  
           Overlap_area: 24732  
           IOU: 0.9132264973044827  
           Centre Distance: 2.5  
           Category: True Positive  
-----  
Frame: 94   Total Penalty: 12.089011114121359  
           GT_area: 27028  
           ST_area: 26290  
           Overlap_area: 25410  
           IOU: 0.9104916153074387  
           Centre Distance: 2.0  
           Category: True Positive  
-----  
Frame: 95   Total Penalty: 12.169219368856135  
           GT_area: 24486  
           ST_area: 26400  
           Overlap_area: 24380  
           IOU: 0.919791745265223
```

Centre Distance: 0.0
Category: True Positive

Frame: 96 Total Penalty: 12.243595886181229
GT_area: 25488
ST_area: 26862
Overlap_area: 25164
IOU: 0.9256234826749062
Centre Distance: 0.5
Category: True Positive

Frame: 97 Total Penalty: 12.362439333850535
GT_area: 24360
ST_area: 26973
Overlap_area: 24045
IOU: 0.8811565523306948
Centre Distance: 0.0
Category: True Positive

Frame: 98 Total Penalty: 12.46970198515577
GT_area: 24698
ST_area: 27216
Overlap_area: 24486
IOU: 0.8927373486947645
Centre Distance: 2.0
Category: True Positive

Frame: 99 Total Penalty: 12.582732731861482
GT_area: 24336
ST_area: 27216
Overlap_area: 24232
IOU: 0.8869692532942899
Centre Distance: 1.0
Category: True Positive

Frame: 100 Total Penalty: 12.678489591420549
GT_area: 24592
ST_area: 26973
Overlap_area: 24486
IOU: 0.9042431404409321
Centre Distance: 0.5
Category: True Positive

Frame: 101 Total Penalty: 12.78872808122529
GT_area: 25016
ST_area: 27440
Overlap_area: 24698
IOU: 0.8897615101952591
Centre Distance: 1.0
Category: True Positive

Frame: 102 Total Penalty: 12.905652139032034
GT_area: 25252
ST_area: 27911

Overlap_area: 24931
IOU: 0.8830759421932559
Centre Distance: 2.0
Category: True Positive

Frame: 103 Total Penalty: 13.082843663751602
GT_area: 24378
ST_area: 28272
Overlap_area: 23766
IOU: 0.8228084752804321
Centre Distance: 5.0
Category: True Positive

Frame: 104 Total Penalty: 13.241082180397198
GT_area: 24174
ST_area: 28272
Overlap_area: 23970
IOU: 0.8417614833544037
Centre Distance: 2.0
Category: True Positive

Frame: 105 Total Penalty: 13.381086362747679
GT_area: 25095
ST_area: 28272
Overlap_area: 24675
IOU: 0.859995817649519
Centre Distance: 3.5
Category: True Positive

Frame: 106 Total Penalty: 13.500641442370464
GT_area: 26051
ST_area: 28386
Overlap_area: 25488
IOU: 0.8804449203772151
Centre Distance: 3.5
Category: True Positive

Frame: 107 Total Penalty: 13.650342991773563
GT_area: 30366
ST_area: 27911
Overlap_area: 26781
IOU: 0.8502984505969012
Centre Distance: 4.5
Category: True Positive

Frame: 108 Total Penalty: 13.876627366107394
GT_area: 35624
ST_area: 30940
Overlap_area: 29036
IOU: 0.7737156256661692
Centre Distance: 13.5
Category: True Positive

Frame: 109 Total Penalty: 14.940119429599457

GT_area: 42066
ST_area: 29464
Overlap_area: 28060
IOU: 0.6455026455026455
Centre Distance: 28.5
Category: False Positive

Frame: 110 Total Penalty: 16.213185959003653
GT_area: 45080
ST_area: 28386
Overlap_area: 26840
IOU: 0.5756444901986016
Centre Distance: 39.0
Category: False Positive

Frame: 111 Total Penalty: 17.49059616694316
GT_area: 44896
ST_area: 28386
Overlap_area: 26730
IOU: 0.5741965973534972
Centre Distance: 39.0
Category: False Positive

Frame: 112 Total Penalty: 18.917895870207253
GT_area: 46995
ST_area: 26973
Overlap_area: 25440
IOU: 0.5242334322453017
Centre Distance: 47.0
Category: False Positive

Frame: 113 Total Penalty: 20.58391244748663
GT_area: 47400
ST_area: 23712
Overlap_area: 21888
IOU: 0.4446611409068747
Centre Distance: 56.0
Category: False Positive

Frame: 114 Total Penalty: 22.376970134211632
GT_area: 45828
ST_area: 21800
Overlap_area: 19402
IOU: 0.402314104424999
Centre Distance: 61.5
Category: False Positive

Frame: 115 Total Penalty: 24.263895929264635
GT_area: 45800
ST_area: 20160
Overlap_area: 17850
IOU: 0.3710247349823322
Centre Distance: 63.0
Category: False Positive

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Frame: 116 Total Penalty: 26.20912764125238  
GT_area: 44550  
ST_area: 18972  
Overlap_area: 16524  
IOU: 0.3515894293374186  
Centre Distance: 64.5  
Category: False Positive  
-----  
Frame: 117 Total Penalty: 28.154942544280622  
GT_area: 44576  
ST_area: 18972  
Overlap_area: 16524  
IOU: 0.3513950323239197  
Centre Distance: 65.0  
Category: False Positive  
-----  
Frame: 118 Total Penalty: 30.159197863429558  
GT_area: 43956  
ST_area: 18018  
Overlap_area: 15444  
IOU: 0.33191489361702126  
Centre Distance: 66.5  
Category: False Positive  
-----  
Frame: 119 Total Penalty: 32.31524108499578  
GT_area: 42140  
ST_area: 15372  
Overlap_area: 12627  
IOU: 0.28131892614459175  
Centre Distance: 71.0  
Category: False Positive  
-----  
Frame: 120 Total Penalty: 34.511179558907514  
GT_area: 37036  
ST_area: 13416  
Overlap_area: 10664  
IOU: 0.2680205086960893  
Centre Distance: 71.0  
Category: False Positive  
-----  
Frame: 121 Total Penalty: 36.72304608828163  
GT_area: 32757  
ST_area: 12616  
Overlap_area: 9440  
IOU: 0.26271115687529567  
Centre Distance: 68.5  
Category: False Positive  
-----  
Frame: 122 Total Penalty: 39.00635430563825  
GT_area: 30624  
ST_area: 11304  
Overlap_area: 8085  
IOU: 0.23889726088112756
```

Centre Distance: 69.0
Category: False Positive

Frame: 123 Total Penalty: 41.344570749513
GT_area: 29575
ST_area: 10419
Overlap_area: 7228
IOU: 0.22059451870841726
Centre Distance: 70.0
Category: False Positive

Frame: 124 Total Penalty: 43.68826930447916
GT_area: 29559
ST_area: 10419
Overlap_area: 7176
IOU: 0.21876714834461314
Centre Distance: 71.0
Category: False Positive

Frame: 125 Total Penalty: 45.994861596568406
GT_area: 26568
ST_area: 9849
Overlap_area: 6837
IOU: 0.23113590263691683
Centre Distance: 61.5
Category: False Positive

Frame: 126 Total Penalty: 48.33726781797737
GT_area: 22200
ST_area: 9782
Overlap_area: 5750
IOU: 0.21919792619701128
Centre Distance: 57.5
Category: False Positive

Frame: 127 Total Penalty: 50.656051360016725
GT_area: 20448
ST_area: 10419
Overlap_area: 5712
IOU: 0.227072152653548
Centre Distance: 54.5
Category: False Positive

Frame: 128 Total Penalty: 53.0002813718324
GT_area: 20300
ST_area: 10640
Overlap_area: 5550
IOU: 0.2185899960614415
Centre Distance: 55.0
Category: False Positive

Frame: 129 Total Penalty: 55.35997371650251
GT_area: 19872
ST_area: 10419

Overlap_area: 5328
IOU: 0.21343588510996275
Centre Distance: 55.5
Category: False Positive

Frame: 130 Total Penalty: 57.75136789187698
GT_area: 19856
ST_area: 10419
Overlap_area: 5106
IOU: 0.20286860820851046
Centre Distance: 56.5
Category: False Positive

Frame: 131 Total Penalty: 60.22932441895546
GT_area: 19110
ST_area: 9570
Overlap_area: 4251
IOU: 0.17401449097384256
Centre Distance: 59.0
Category: False Positive

Frame: 132 Total Penalty: 62.70762263945045
GT_area: 19126
ST_area: 9570
Overlap_area: 4251
IOU: 0.1739005931683371
Centre Distance: 59.5
Category: False Positive

Frame: 133 Total Penalty: 65.20872674672952
GT_area: 19479
ST_area: 9570
Overlap_area: 4142
IOU: 0.16629863090697394
Centre Distance: 59.5
Category: False Positive

Frame: 134 Total Penalty: 67.66720885567126
GT_area: 21014
ST_area: 10064
Overlap_area: 4752
IOU: 0.1805059636860898
Centre Distance: 56.5
Category: False Positive

Frame: 135 Total Penalty: 68.66720885567126
GT_area: 27946
ST_area: 0
Overlap_area: 48952
IOU: 0.1805059636860898
Centre Distance: 310.5
Category: False Negative

Frame: 136 Total Penalty: 69.66720885567126

GT_area: 29322
ST_area: 0
Overlap_area: 48108
IOU: 0.1805059636860898
Centre Distance: 309.0
Category: False Negative

Frame: 137 Total Penalty: 70.66720885567126
GT_area: 37740
ST_area: 0
Overlap_area: 41664
IOU: 0.1805059636860898
Centre Distance: 309.5
Category: False Negative

Frame: 138 Total Penalty: 71.66720885567126
GT_area: 40128
ST_area: 0
Overlap_area: 37736
IOU: 0.1805059636860898
Centre Distance: 308.0
Category: False Negative

Frame: 139 Total Penalty: 74.31672510875794
GT_area: 45114
ST_area: 10064
Overlap_area: 5772
IOU: 0.1168279156377768
Centre Distance: 98.0
Category: False Positive

Frame: 140 Total Penalty: 76.97297510875794
GT_area: 46144
ST_area: 10780
Overlap_area: 5852
IOU: 0.11458333333333333
Centre Distance: 100.0
Category: False Positive

Frame: 141 Total Penalty: 79.66985188331785
GT_area: 46864
ST_area: 11304
Overlap_area: 5338
IOU: 0.10104107514669695
Centre Distance: 103.0
Category: False Positive

Frame: 142 Total Penalty: 82.33993877728449
GT_area: 47328
ST_area: 11304
Overlap_area: 5809
IOU: 0.10997103534445223
Centre Distance: 101.0
Category: False Positive

Frame: 143 Total Penalty: 84.90556113122183
GT_area: 47502
ST_area: 13338
Overlap_area: 7695
IOU: 0.14479254868755292
Centre Distance: 95.5
Category: False Positive

Frame: 144 Total Penalty: 87.44346067460083
GT_area: 45978
ST_area: 14678
Overlap_area: 8096
IOU: 0.15403348554033486
Centre Distance: 92.0
Category: False Positive

Frame: 145 Total Penalty: 89.94203117364454
GT_area: 43384
ST_area: 15810
Overlap_area: 8477
IOU: 0.16714316698542894
Centre Distance: 87.0
Category: False Positive

Frame: 146 Total Penalty: 92.29718974120989
GT_area: 42320
ST_area: 16984
Overlap_area: 10492
IOU: 0.21494714414488242
Centre Distance: 75.0
Category: False Positive

Frame: 147 Total Penalty: 94.52527277952399
GT_area: 40656
ST_area: 19364
Overlap_area: 12283
IOU: 0.25730565389530136
Centre Distance: 64.0
Category: False Positive

Frame: 148 Total Penalty: 96.60176139598633
GT_area: 38868
ST_area: 20874
Overlap_area: 14062
IOU: 0.3078371278458844
Centre Distance: 52.0
Category: False Positive

Frame: 149 Total Penalty: 98.6783597602463
GT_area: 38610
ST_area: 20874
Overlap_area: 14000
IOU: 0.30780054524668016

Centre Distance: 51.5
Category: False Positive

Frame: 150 Total Penalty: 100.6707800794403
GT_area: 34950
ST_area: 21800
Overlap_area: 14268
IOU: 0.33585989360199614
Centre Distance: 43.0
Category: False Positive

Frame: 151 Total Penalty: 102.68695037436717
GT_area: 32802
ST_area: 22220
Overlap_area: 13588
IOU: 0.3279432350243761
Centre Distance: 42.5
Category: False Positive

Frame: 152 Total Penalty: 104.68049347417595
GT_area: 31455
ST_area: 22321
Overlap_area: 13509
IOU: 0.33548563339707455
Centre Distance: 39.0
Category: False Positive

Frame: 153 Total Penalty: 106.64788991064621
GT_area: 31020
ST_area: 23072
Overlap_area: 13851
IOU: 0.34420118784324444
Centre Distance: 36.5
Category: False Positive

Frame: 154 Total Penalty: 108.59907456653188
GT_area: 30654
ST_area: 23175
Overlap_area: 13944
IOU: 0.34960511470477623
Centre Distance: 34.0
Category: False Positive

Frame: 155 Total Penalty: 110.58939446368079
GT_area: 29845
ST_area: 23175
Overlap_area: 13351
IOU: 0.3365600342836976
Centre Distance: 36.0
Category: False Positive

Frame: 156 Total Penalty: 112.49253602601277
GT_area: 29625
ST_area: 23712

Overlap_area: 14280
IOU: 0.36561947922267457
Centre Distance: 30.5
Category: False Positive

Frame: 157 Total Penalty: 114.31856293275992
GT_area: 30353
ST_area: 24045
Overlap_area: 15300
IOU: 0.39132436441761725
Centre Distance: 26.0
Category: False Positive

Frame: 158 Total Penalty: 116.11674303624423
GT_area: 30464
ST_area: 24486
Overlap_area: 15717
IOU: 0.4006066321718961
Centre Distance: 24.0
Category: False Positive

Frame: 159 Total Penalty: 117.88908618605217
GT_area: 30099
ST_area: 24931
Overlap_area: 15980
IOU: 0.4092189500640205
Centre Distance: 23.0
Category: False Positive

Frame: 160 Total Penalty: 119.70360602063633
GT_area: 29274
ST_area: 25380
Overlap_area: 15480
IOU: 0.39516005513861235
Centre Distance: 25.5
Category: False Positive

Frame: 161 Total Penalty: 121.50696993500942
GT_area: 29512
ST_area: 25380
Overlap_area: 15652
IOU: 0.39887869520897046
Centre Distance: 25.0
Category: False Positive

Frame: 162 Total Penalty: 123.3876483117508
GT_area: 28920
ST_area: 25488
Overlap_area: 14784
IOU: 0.37310720775287703
Centre Distance: 30.0
Category: False Positive

Frame: 163 Total Penalty: 125.30419036117044

GT_area: 31964
ST_area: 25380
Overlap_area: 15215
IOU: 0.36115265019345344
Centre Distance: 34.5
Category: False Positive

Frame: 164 Total Penalty: 127.23695267380427
GT_area: 31944
ST_area: 25038
Overlap_area: 14952
IOU: 0.35574589578872234
Centre Distance: 35.5
Category: False Positive

Frame: 165 Total Penalty: 129.2165221304996
GT_area: 31070
ST_area: 25145
Overlap_area: 14268
IOU: 0.3401435144348821
Centre Distance: 36.5
Category: False Positive

Frame: 166 Total Penalty: 131.14968003760202
GT_area: 32319
ST_area: 25380
Overlap_area: 15136
IOU: 0.35561403096586236
Centre Distance: 34.5
Category: False Positive

Frame: 167 Total Penalty: 133.05575738566833
GT_area: 32912
ST_area: 25380
Overlap_area: 15576
IOU: 0.36464088397790057
Centre Distance: 34.0
Category: False Positive

Frame: 168 Total Penalty: 134.99061408961916
GT_area: 31416
ST_area: 25038
Overlap_area: 14792
IOU: 0.35504776534971916
Centre Distance: 33.5
Category: False Positive

Frame: 169 Total Penalty: 136.98423526351357
GT_area: 31070
ST_area: 25038
Overlap_area: 14094
IOU: 0.3354596087018613
Centre Distance: 37.5
Category: False Positive

Frame: 170 Total Penalty: 138.95443244259212
GT_area: 31330
ST_area: 25145
Overlap_area: 14432
IOU: 0.34326760697381253
Centre Distance: 36.5
Category: False Positive

Frame: 171 Total Penalty: 140.92256384789889
GT_area: 32400
ST_area: 25038
Overlap_area: 14700
IOU: 0.3439561982310824
Centre Distance: 37.0
Category: False Positive

Frame: 172 Total Penalty: 142.8975473897027
GT_area: 32026
ST_area: 25038
Overlap_area: 14532
IOU: 0.3416721527320606
Centre Distance: 36.5
Category: False Positive

Frame: 173 Total Penalty: 144.84044111569503
GT_area: 33499
ST_area: 24592
Overlap_area: 15136
IOU: 0.35236875800256084
Centre Distance: 36.5
Category: False Positive

Frame: 174 Total Penalty: 146.83343095095617
GT_area: 32568
ST_area: 24592
Overlap_area: 14365
IOU: 0.3356700549129571
Centre Distance: 37.0
Category: False Positive

Frame: 175 Total Penalty: 148.86064345631766
GT_area: 31088
ST_area: 24486
Overlap_area: 13608
IOU: 0.324262498212839
Centre Distance: 39.0
Category: False Positive

Frame: 176 Total Penalty: 150.85719736306217
GT_area: 32880
ST_area: 24045
Overlap_area: 14268
IOU: 0.3344820310851677

Centre Distance: 39.0
Category: False Positive

Frame: 177 Total Penalty: 152.85234922389205
GT_area: 32232
ST_area: 23940
Overlap_area: 14094
IOU: 0.3349493797233709
Centre Distance: 39.5
Category: False Positive

Frame: 178 Total Penalty: 154.8908428878302
GT_area: 31725
ST_area: 23608
Overlap_area: 13430
IOU: 0.32050211202061907
Centre Distance: 40.5
Category: False Positive

Frame: 179 Total Penalty: 156.90394643433353
GT_area: 32480
ST_area: 23504
Overlap_area: 13858
IOU: 0.3289654844988843
Centre Distance: 40.0
Category: False Positive

Frame: 180 Total Penalty: 158.90732253156514
GT_area: 31740
ST_area: 23504
Overlap_area: 13776
IOU: 0.3322079675894666
Centre Distance: 39.0
Category: False Positive

Frame: 181 Total Penalty: 160.90338608724792
GT_area: 32665
ST_area: 23278
Overlap_area: 14027
IOU: 0.33464548143906864
Centre Distance: 38.0
Category: False Positive

Frame: 182 Total Penalty: 162.92197399051298
GT_area: 31373
ST_area: 23175
Overlap_area: 13446
IOU: 0.32713736557831735
Centre Distance: 39.0
Category: False Positive

Frame: 183 Total Penalty: 164.91744166657634
GT_area: 30324
ST_area: 23278

Overlap_area: 13446
IOU: 0.33484410797888237
Centre Distance: 37.0
Category: False Positive

Frame: 184 Total Penalty: 166.89136643804343
GT_area: 30228
ST_area: 23504
Overlap_area: 13694
IOU: 0.3420250761776312
Centre Distance: 36.0
Category: False Positive

Frame: 185 Total Penalty: 168.8737121511111
GT_area: 29900
ST_area: 23504
Overlap_area: 13527
IOU: 0.3392180956441056
Centre Distance: 36.0
Category: False Positive

Frame: 186 Total Penalty: 170.85936466192172
GT_area: 30030
ST_area: 23504
Overlap_area: 13527
IOU: 0.3381158297297973
Centre Distance: 36.0
Category: False Positive

Frame: 187 Total Penalty: 172.84054305799373
GT_area: 29106
ST_area: 23278
Overlap_area: 13280
IOU: 0.339607201309329
Centre Distance: 34.5
Category: False Positive

Frame: 188 Total Penalty: 174.76754414175284
GT_area: 29337
ST_area: 23278
Overlap_area: 13861
IOU: 0.3576663054136347
Centre Distance: 32.0
Category: False Positive

Frame: 189 Total Penalty: 176.72886607669864
GT_area: 28044
ST_area: 23608
Overlap_area: 13284
IOU: 0.34622602168473726
Centre Distance: 32.5
Category: False Positive

Frame: 190 Total Penalty: 178.67575757461054

GT_area: 27830
ST_area: 23608
Overlap_area: 13365
IOU: 0.351036167362698
Centre Distance: 31.5
Category: False Positive

Frame: 191 Total Penalty: 180.58731967719638
GT_area: 27830
ST_area: 23608
Overlap_area: 13694
IOU: 0.3628126324713862
Centre Distance: 30.5
Category: False Positive

Frame: 192 Total Penalty: 182.5532771240049
GT_area: 26216
ST_area: 23712
Overlap_area: 12798
IOU: 0.3446808510638298
Centre Distance: 31.0
Category: False Positive

Frame: 193 Total Penalty: 184.48312927877055
GT_area: 28044
ST_area: 23712
Overlap_area: 13608
IOU: 0.35671594841145016
Centre Distance: 29.5
Category: False Positive

Frame: 194 Total Penalty: 186.43710550912868
GT_area: 26680
ST_area: 24045
Overlap_area: 13114
IOU: 0.34867458988062006
Centre Distance: 31.5
Category: False Positive

Frame: 195 Total Penalty: 188.38629180856
GT_area: 27480
ST_area: 24045
Overlap_area: 13366
IOU: 0.3502712335228911
Centre Distance: 30.5
Category: False Positive

Frame: 196 Total Penalty: 190.28604828058076
GT_area: 27588
ST_area: 24045
Overlap_area: 13855
IOU: 0.3667478426597491
Centre Distance: 28.0
Category: False Positive

Frame: 197 Total Penalty: 192.21993126773788
GT_area: 27140
ST_area: 24150
Overlap_area: 13448
IOU: 0.355372337614291
Centre Distance: 29.5
Category: False Positive

Frame: 198 Total Penalty: 194.12849735085962
GT_area: 26096
ST_area: 24931
Overlap_area: 13612
IOU: 0.36381130562608577
Centre Distance: 27.5
Category: False Positive

Frame: 199 Total Penalty: 196.00562899933445
GT_area: 26565
ST_area: 24931
Overlap_area: 14025
IOU: 0.3742894505083932
Centre Distance: 26.0
Category: False Positive

Frame: 200 Total Penalty: 197.86879552927704
GT_area: 25942
ST_area: 24486
Overlap_area: 13858
IOU: 0.3789444900191414
Centre Distance: 25.5
Category: False Positive

Frame: 201 Total Penalty: 199.58380056452376
GT_area: 25680
ST_area: 25380
Overlap_area: 15312
IOU: 0.42833165491775765
Centre Distance: 20.5
Category: False Positive

Frame: 202 Total Penalty: 201.36183065251694
GT_area: 26076
ST_area: 23504
Overlap_area: 14350
IOU: 0.4073233040022708
Centre Distance: 23.0
Category: False Positive

Frame: 203 Total Penalty: 202.90831132550173
GT_area: 28548
ST_area: 27216
Overlap_area: 18200
IOU: 0.4845064423384091

Centre Distance: 14.5
Category: False Positive

Frame: 204 Total Penalty: 204.38447198818716
GT_area: 26244
ST_area: 36378
Overlap_area: 21094
IOU: 0.5079464457715277
Centre Distance: 12.5
Category: False Positive

Frame: 205 Total Penalty: 205.86949748434478
GT_area: 26487
ST_area: 36378
Overlap_area: 21094
IOU: 0.5049915012807928
Centre Distance: 13.0
Category: False Positive

Frame: 206 Total Penalty: 207.40275035097122
GT_area: 27440
ST_area: 46574
Overlap_area: 24304
IOU: 0.48891571112452226
Centre Distance: 12.0
Category: False Positive

Frame: 207 Total Penalty: 207.8984898579007
GT_area: 28431
ST_area: 47656
Overlap_area: 25506
IOU: 0.5042604930705206
Centre Distance: 7.5
Category: True Positive

Frame: 208 Total Penalty: 208.38859803449168
GT_area: 29040
ST_area: 48425
Overlap_area: 26160
IOU: 0.5098918234090245
Centre Distance: 6.5
Category: True Positive

Frame: 209 Total Penalty: 208.88367620472908
GT_area: 28920
ST_area: 49050
Overlap_area: 26160
IOU: 0.5049218297625941
Centre Distance: 6.0
Category: True Positive

Frame: 210 Total Penalty: 209.358760868493
GT_area: 29750
ST_area: 49050

Overlap_area: 27125
IOU: 0.524915336236091
Centre Distance: 3.5
Category: True Positive

Frame: 211 Total Penalty: 209.84581814199527
GT_area: 29036
ST_area: 49050
Overlap_area: 26474
IOU: 0.5129427264977137
Centre Distance: 4.0
Category: True Positive

Frame: 212 Total Penalty: 210.33754391031678
GT_area: 29274
ST_area: 49200
Overlap_area: 26445
IOU: 0.508274231678487
Centre Distance: 5.5
Category: True Positive

Frame: 213 Total Penalty: 210.83820001590223
GT_area: 29161
ST_area: 49679
Overlap_area: 26257
IOU: 0.49934389441454463
Centre Distance: 7.0
Category: True Positive

Frame: 214 Total Penalty: 211.3208052400382
GT_area: 29988
ST_area: 49830
Overlap_area: 27216
IOU: 0.5173947758640356
Centre Distance: 6.5
Category: True Positive

Frame: 215 Total Penalty: 212.72933099492275
GT_area: 30976
ST_area: 51744
Overlap_area: 28672
IOU: 0.5304914150384843
Centre Distance: 10.0
Category: False Positive

Frame: 216 Total Penalty: 213.72933099492275
GT_area: 34160
ST_area: 0
Overlap_area: 86565
IOU: 0.5304914150384843
Centre Distance: 505.0
Category: False Negative

Frame: 217 Total Penalty: 214.72933099492275

GT_area: 35321
ST_area: 0
Overlap_area: 69741
IOU: 0.5304914150384843
Centre Distance: 440.5
Category: False Negative

Frame: 218 Total Penalty: 215.72933099492275
GT_area: 32943
ST_area: 0
Overlap_area: 69715
IOU: 0.5304914150384843
Centre Distance: 434.5
Category: False Negative

Frame: 219 Total Penalty: 216.72933099492275
GT_area: 35478
ST_area: 0
Overlap_area: 47259
IOU: 0.5304914150384843
Centre Distance: 340.0
Category: False Negative

Frame: 220 Total Penalty: 217.72933099492275
GT_area: 34510
ST_area: 0
Overlap_area: 30060
IOU: 0.5304914150384843
Centre Distance: 252.5
Category: False Negative

Frame: 221 Total Penalty: 218.72933099492275
GT_area: 31144
ST_area: 0
Overlap_area: 17490
IOU: 0.5304914150384843
Centre Distance: 174.0
Category: False Negative

Frame: 222 Total Penalty: 219.72933099492275
GT_area: 28767
ST_area: 0
Overlap_area: 7802
IOU: 0.5304914150384843
Centre Distance: 111.5
Category: False Negative

Frame: 223 Total Penalty: 220.72933099492275
GT_area: 28288
ST_area: 0
Overlap_area: 1848
IOU: 0.5304914150384843
Centre Distance: 75.0
Category: False Negative

Frame: 224 Total Penalty: 221.72933099492275
GT_area: 27720
ST_area: 0
Overlap_area: 2197
IOU: 0.5304914150384843
Centre Distance: 76.0
Category: False Negative

Frame: 225 Total Penalty: 224.42335572019746
GT_area: 25272
ST_area: 51744
Overlap_area: 7128
IOU: 0.10199175824175824
Centre Distance: 168.5
Category: False Positive

Frame: 226 Total Penalty: 225.42335572019746
GT_area: 23653
ST_area: 0
Overlap_area: 176
IOU: 0.10199175824175824
Centre Distance: 55.5
Category: False Negative

Frame: 227 Total Penalty: 227.88719985657812
GT_area: 23760
ST_area: 51744
Overlap_area: 11448
IOU: 0.17871862120644436
Centre Distance: 185.0
Category: False Positive

Frame: 228 Total Penalty: 228.88719985657812
GT_area: 24198
ST_area: 0
Overlap_area: 177
IOU: 0.17871862120644436
Centre Distance: 56.5
Category: False Negative

Frame: 229 Total Penalty: 229.88719985657812
GT_area: 24966
ST_area: 0
Overlap_area: 179
IOU: 0.17871862120644436
Centre Distance: 58.0
Category: False Negative

Frame: 230 Total Penalty: 230.88719985657812
GT_area: 24725
ST_area: 0
Overlap_area: 179
IOU: 0.17871862120644436

Centre Distance: 58.5
Category: False Negative

Frame: 231 Total Penalty: 231.88719985657812
GT_area: 24738
ST_area: 0
Overlap_area: 181
IOU: 0.17871862120644436
Centre Distance: 58.0
Category: False Negative

Frame: 232 Total Penalty: 232.88719985657812
GT_area: 25185
ST_area: 0
Overlap_area: 179
IOU: 0.17871862120644436
Centre Distance: 58.5
Category: False Negative

Frame: 233 Total Penalty: 233.88719985657812
GT_area: 25752
ST_area: 0
Overlap_area: 181
IOU: 0.17871862120644436
Centre Distance: 59.0
Category: False Negative

Frame: 234 Total Penalty: 234.88719985657812
GT_area: 26180
ST_area: 0
Overlap_area: 181
IOU: 0.17871862120644436
Centre Distance: 60.5
Category: False Negative

Frame: 235 Total Penalty: 235.88719985657812
GT_area: 27000
ST_area: 0
Overlap_area: 177
IOU: 0.17871862120644436
Centre Distance: 61.0
Category: False Negative

Frame: 236 Total Penalty: 236.88719985657812
GT_area: 27206
ST_area: 0
Overlap_area: 181
IOU: 0.17871862120644436
Centre Distance: 62.0
Category: False Negative

Frame: 237 Total Penalty: 237.88719985657812
GT_area: 26520
ST_area: 0

Overlap_area: 181
IOU: 0.17871862120644436
Centre Distance: 61.0
Category: False Negative

Frame: 238 Total Penalty: 238.88719985657812
GT_area: 26314
ST_area: 0
Overlap_area: 183
IOU: 0.17871862120644436
Centre Distance: 60.0
Category: False Negative

Frame: 239 Total Penalty: 239.88719985657812
GT_area: 25086
ST_area: 0
Overlap_area: 182
IOU: 0.17871862120644436
Centre Distance: 57.5
Category: False Negative

Frame: 240 Total Penalty: 240.88719985657812
GT_area: 23647
ST_area: 0
Overlap_area: 185
IOU: 0.17871862120644436
Centre Distance: 54.5
Category: False Negative

Frame: 241 Total Penalty: 241.88719985657812
GT_area: 20855
ST_area: 0
Overlap_area: 185
IOU: 0.17871862120644436
Centre Distance: 49.5
Category: False Negative

Frame: 242 Total Penalty: 242.88719985657812
GT_area: 18576
ST_area: 0
Overlap_area: 188
IOU: 0.17871862120644436
Centre Distance: 44.0
Category: False Negative

Frame: 243 Total Penalty: 243.88719985657812
GT_area: 19135
ST_area: 0
Overlap_area: 187
IOU: 0.17871862120644436
Centre Distance: 45.5
Category: False Negative

Frame: 244 Total Penalty: 244.88719985657812

GT_area: 17200
ST_area: 0
Overlap_area: 190
IOU: 0.17871862120644436
Centre Distance: 41.0
Category: False Negative

Frame: 245 Total Penalty: 245.88719985657812
GT_area: 16125
ST_area: 0
Overlap_area: 192
IOU: 0.17871862120644436
Centre Distance: 38.5
Category: False Negative

Frame: 246 Total Penalty: 246.88719985657812
GT_area: 14688
ST_area: 0
Overlap_area: 193
IOU: 0.17871862120644436
Centre Distance: 35.0
Category: False Negative

Frame: 247 Total Penalty: 247.88719985657812
GT_area: 13082
ST_area: 0
Overlap_area: 195
IOU: 0.17871862120644436
Centre Distance: 32.0
Category: False Negative

Frame: 248 Total Penalty: 248.88719985657812
GT_area: 12660
ST_area: 0
Overlap_area: 196
IOU: 0.17871862120644436
Centre Distance: 31.0
Category: False Negative

Frame: 249 Total Penalty: 249.88719985657812
GT_area: 12369
ST_area: 0
Overlap_area: 194
IOU: 0.17871862120644436
Centre Distance: 29.5
Category: False Negative

Frame: 250 Total Penalty: 250.88719985657812
GT_area: 11077
ST_area: 0
Overlap_area: 197
IOU: 0.17871862120644436
Centre Distance: 27.5
Category: False Negative

Frame: 251 Total Penalty: 251.88719985657812
GT_area: 10850
ST_area: 0
Overlap_area: 196
IOU: 0.17871862120644436
Centre Distance: 26.0
Category: False Negative

Frame: 252 Total Penalty: 252.88719985657812
GT_area: 10128
ST_area: 0
Overlap_area: 198
IOU: 0.17871862120644436
Centre Distance: 25.0
Category: False Negative

Frame: 253 Total Penalty: 253.88719985657812
GT_area: 9030
ST_area: 0
Overlap_area: 199
IOU: 0.17871862120644436
Centre Distance: 22.5
Category: False Negative

Frame: 254 Total Penalty: 254.88719985657812
GT_area: 7752
ST_area: 0
Overlap_area: 201
IOU: 0.17871862120644436
Centre Distance: 20.0
Category: False Negative

Frame: 255 Total Penalty: 255.88719985657812
GT_area: 7904
ST_area: 0
Overlap_area: 201
IOU: 0.17871862120644436
Centre Distance: 20.0
Category: False Negative

Frame: 256 Total Penalty: 256.88719985657815
GT_area: 6501
ST_area: 0
Overlap_area: 205
IOU: 0.17871862120644436
Centre Distance: 17.5
Category: False Negative

Frame: 257 Total Penalty: 257.88719985657815
GT_area: 5070
ST_area: 0
Overlap_area: 206
IOU: 0.17871862120644436

Centre Distance: 14.0
Category: False Negative

Frame: 258 Total Penalty: 258.88719985657815
GT_area: 4324
ST_area: 0
Overlap_area: 210
IOU: 0.17871862120644436
Centre Distance: 12.5
Category: False Negative

Frame: 259 Total Penalty: 259.88719985657815
GT_area: 2499
ST_area: 0
Overlap_area: 210
IOU: 0.17871862120644436
Centre Distance: 9.5
Category: False Negative

Frame: 260 Total Penalty: 260.88719985657815
GT_area: 780
ST_area: 0
Overlap_area: 217
IOU: 0.17871862120644436
Centre Distance: 6.0
Category: False Negative

Frame: 261 Total Penalty: 261.88719985657815
GT_area: 870
ST_area: 0
Overlap_area: 217
IOU: 0.17871862120644436
Centre Distance: 6.0
Category: False Negative

Frame: 262 Total Penalty: 262.88719985657815
GT_area: 296
ST_area: 0
Overlap_area: 220
IOU: 0.17871862120644436
Centre Distance: 5.0
Category: False Negative

Frame: 263 Total Penalty: 262.88719985657815
GT_area: 12
ST_area: 0
Overlap_area: 54516
IOU: 0.17871862120644436
Centre Distance: 355.5
Category: True Negative

Frame: 264 Total Penalty: 262.88719985657815
GT_area: 9
ST_area: 0

Overlap_area: 57078
IOU: 0.17871862120644436
Centre Distance: 379.5
Category: True Negative

Frame: 265 Total Penalty: 262.88719985657815
GT_area: 6
ST_area: 0
Overlap_area: 56392
IOU: 0.17871862120644436
Centre Distance: 372.5
Category: True Negative

Frame: 266 Total Penalty: 262.88719985657815
GT_area: 20
ST_area: 0
Overlap_area: 57442
IOU: 0.17871862120644436
Centre Distance: 375.0
Category: True Negative

Frame: 267 Total Penalty: 262.88719985657815
GT_area: 12
ST_area: 0
Overlap_area: 60053
IOU: 0.17871862120644436
Centre Distance: 374.0
Category: True Negative

Frame: 268 Total Penalty: 262.88719985657815
GT_area: 2
ST_area: 0
Overlap_area: 58188
IOU: 0.17871862120644436
Centre Distance: 373.5
Category: True Negative

Frame: 269 Total Penalty: 262.88719985657815
GT_area: 2
ST_area: 0
Overlap_area: 58989
IOU: 0.17871862120644436
Centre Distance: 372.0
Category: True Negative

Frame: 270 Total Penalty: 262.88719985657815
GT_area: 16
ST_area: 0
Overlap_area: 62040
IOU: 0.17871862120644436
Centre Distance: 378.0
Category: True Negative

Frame: 271 Total Penalty: 262.88719985657815

GT_area: 20
ST_area: 0
Overlap_area: 59892
IOU: 0.17871862120644436
Centre Distance: 374.5
Category: True Negative

Frame: 272 Total Penalty: 263.88719985657815
GT_area: 3800
ST_area: 0
Overlap_area: 217
IOU: 0.17871862120644436
Centre Distance: 11.0
Category: False Negative

Frame: 273 Total Penalty: 264.88719985657815
GT_area: 7175
ST_area: 0
Overlap_area: 208
IOU: 0.17871862120644436
Centre Distance: 18.5
Category: False Negative

Frame: 274 Total Penalty: 265.88719985657815
GT_area: 7420
ST_area: 0
Overlap_area: 207
IOU: 0.17871862120644436
Centre Distance: 18.5
Category: False Negative

Frame: 275 Total Penalty: 266.88719985657815
GT_area: 12470
ST_area: 0
Overlap_area: 200
IOU: 0.17871862120644436
Centre Distance: 30.0
Category: False Negative

Frame: 276 Total Penalty: 267.88719985657815
GT_area: 16275
ST_area: 0
Overlap_area: 195
IOU: 0.17871862120644436
Centre Distance: 38.5
Category: False Negative

Frame: 277 Total Penalty: 268.88719985657815
GT_area: 20832
ST_area: 0
Overlap_area: 196
IOU: 0.17871862120644436
Centre Distance: 49.0
Category: False Negative

Frame: 278 Total Penalty: 269.88719985657815
GT_area: 25857
ST_area: 0
Overlap_area: 193
IOU: 0.17871862120644436
Centre Distance: 59.5
Category: False Negative

Frame: 279 Total Penalty: 270.88719985657815
GT_area: 28416
ST_area: 0
Overlap_area: 2101
IOU: 0.17871862120644436
Centre Distance: 75.0
Category: False Negative

Frame: 280 Total Penalty: 271.88719985657815
GT_area: 27875
ST_area: 0
Overlap_area: 2292
IOU: 0.17871862120644436
Centre Distance: 74.5
Category: False Negative

Frame: 281 Total Penalty: 272.88719985657815
GT_area: 27875
ST_area: 0
Overlap_area: 5348
IOU: 0.17871862120644436
Centre Distance: 90.5
Category: False Negative

Frame: 282 Total Penalty: 273.88719985657815
GT_area: 28892
ST_area: 0
Overlap_area: 8883
IOU: 0.17871862120644436
Centre Distance: 109.0
Category: False Negative

Frame: 283 Total Penalty: 274.88719985657815
GT_area: 28980
ST_area: 0
Overlap_area: 11712
IOU: 0.17871862120644436
Centre Distance: 124.0
Category: False Negative

Frame: 284 Total Penalty: 275.88719985657815
GT_area: 30916
ST_area: 0
Overlap_area: 13419
IOU: 0.17871862120644436

Centre Distance: 136.5
Category: False Negative

Frame: 285 Total Penalty: 276.88719985657815
GT_area: 27798
ST_area: 0
Overlap_area: 17388
IOU: 0.17871862120644436
Centre Distance: 153.5
Category: False Negative

Frame: 286 Total Penalty: 277.88719985657815
GT_area: 28625
ST_area: 0
Overlap_area: 17190
IOU: 0.17871862120644436
Centre Distance: 152.5
Category: False Negative

Frame: 287 Total Penalty: 278.88719985657815
GT_area: 28413
ST_area: 0
Overlap_area: 20055
IOU: 0.17871862120644436
Centre Distance: 166.5
Category: False Negative

Frame: 288 Total Penalty: 279.88719985657815
GT_area: 29358
ST_area: 0
Overlap_area: 21392
IOU: 0.17871862120644436
Centre Distance: 175.0
Category: False Negative

Frame: 289 Total Penalty: 280.88719985657815
GT_area: 27951
ST_area: 0
Overlap_area: 24066
IOU: 0.17871862120644436
Centre Distance: 186.5
Category: False Negative

Frame: 290 Total Penalty: 281.88719985657815
GT_area: 29140
ST_area: 0
Overlap_area: 26167
IOU: 0.17871862120644436
Centre Distance: 199.0
Category: False Negative

Frame: 291 Total Penalty: 282.88719985657815
GT_area: 28670
ST_area: 0

Overlap_area: 28564
IOU: 0.17871862120644436
Centre Distance: 209.0
Category: False Negative

Frame: 292 Total Penalty: 283.88719985657815
GT_area: 27144
ST_area: 0
Overlap_area: 33124
IOU: 0.17871862120644436
Centre Distance: 227.0
Category: False Negative

Frame: 293 Total Penalty: 284.88719985657815
GT_area: 28798
ST_area: 0
Overlap_area: 32536
IOU: 0.17871862120644436
Centre Distance: 225.5
Category: False Negative

Frame: 294 Total Penalty: 285.88719985657815
GT_area: 27612
ST_area: 0
Overlap_area: 35100
IOU: 0.17871862120644436
Centre Distance: 238.5
Category: False Negative

Frame: 295 Total Penalty: 286.88719985657815
GT_area: 27261
ST_area: 0
Overlap_area: 37249
IOU: 0.17871862120644436
Centre Distance: 251.5
Category: False Negative

Frame: 296 Total Penalty: 287.88719985657815
GT_area: 24804
ST_area: 0
Overlap_area: 40512
IOU: 0.17871862120644436
Centre Distance: 264.0
Category: False Negative

Frame: 297 Total Penalty: 288.88719985657815
GT_area: 23000
ST_area: 0
Overlap_area: 42432
IOU: 0.17871862120644436
Centre Distance: 271.0
Category: False Negative

Frame: 298 Total Penalty: 289.88719985657815

GT_area: 24232
ST_area: 0
Overlap_area: 42784
IOU: 0.17871862120644436
Centre Distance: 276.0
Category: False Negative

Frame: 299 Total Penalty: 290.88719985657815
GT_area: 23690
ST_area: 0
Overlap_area: 43392
IOU: 0.17871862120644436
Centre Distance: 277.5
Category: False Negative

Frame: 300 Total Penalty: 291.88719985657815
GT_area: 23587
ST_area: 0
Overlap_area: 44312
IOU: 0.17871862120644436
Centre Distance: 283.5
Category: False Negative

Frame: 301 Total Penalty: 292.88719985657815
GT_area: 25179
ST_area: 0
Overlap_area: 44160
IOU: 0.17871862120644436
Centre Distance: 284.5
Category: False Negative

Frame: 302 Total Penalty: 293.88719985657815
GT_area: 24948
ST_area: 0
Overlap_area: 44583
IOU: 0.17871862120644436
Centre Distance: 285.0
Category: False Negative

Frame: 303 Total Penalty: 294.88719985657815
GT_area: 24732
ST_area: 0
Overlap_area: 43739
IOU: 0.17871862120644436
Centre Distance: 283.0
Category: False Negative

Frame: 304 Total Penalty: 295.88719985657815
GT_area: 25312
ST_area: 0
Overlap_area: 42593
IOU: 0.17871862120644436
Centre Distance: 279.0
Category: False Negative

Frame: 305 Total Penalty: 296.88719985657815
GT_area: 24624
ST_area: 0
Overlap_area: 43584
IOU: 0.17871862120644436
Centre Distance: 281.0
Category: False Negative

Frame: 306 Total Penalty: 297.88719985657815
GT_area: 25538
ST_area: 0
Overlap_area: 41391
IOU: 0.17871862120644436
Centre Distance: 275.5
Category: False Negative

Frame: 307 Total Penalty: 298.88719985657815
GT_area: 25080
ST_area: 0
Overlap_area: 42336
IOU: 0.17871862120644436
Centre Distance: 279.0
Category: False Negative

Frame: 308 Total Penalty: 299.88719985657815
GT_area: 25650
ST_area: 0
Overlap_area: 41172
IOU: 0.17871862120644436
Centre Distance: 276.0
Category: False Negative

Frame: 309 Total Penalty: 300.88719985657815
GT_area: 23976
ST_area: 0
Overlap_area: 42784
IOU: 0.17871862120644436
Centre Distance: 278.0
Category: False Negative

Frame: 310 Total Penalty: 301.88719985657815
GT_area: 24198
ST_area: 0
Overlap_area: 42525
IOU: 0.17871862120644436
Centre Distance: 279.5
Category: False Negative

Frame: 311 Total Penalty: 302.88719985657815
GT_area: 24530
ST_area: 0
Overlap_area: 42784
IOU: 0.17871862120644436

Centre Distance: 279.0
Category: False Negative

Frame: 312 Total Penalty: 303.88719985657815
GT_area: 23108
ST_area: 0
Overlap_area: 42903
IOU: 0.17871862120644436
Centre Distance: 280.0
Category: False Negative

Frame: 313 Total Penalty: 304.88719985657815
GT_area: 23976
ST_area: 0
Overlap_area: 41769
IOU: 0.17871862120644436
Centre Distance: 276.5
Category: False Negative

Frame: 314 Total Penalty: 305.88719985657815
GT_area: 22360
ST_area: 0
Overlap_area: 41888
IOU: 0.17871862120644436
Centre Distance: 276.0
Category: False Negative

Frame: 315 Total Penalty: 306.88719985657815
GT_area: 22578
ST_area: 0
Overlap_area: 40885
IOU: 0.17871862120644436
Centre Distance: 274.0
Category: False Negative

Frame: 316 Total Penalty: 307.88719985657815
GT_area: 21840
ST_area: 0
Overlap_area: 40700
IOU: 0.17871862120644436
Centre Distance: 272.0
Category: False Negative

Frame: 317 Total Penalty: 308.88719985657815
GT_area: 23108
ST_area: 0
Overlap_area: 39405
IOU: 0.17871862120644436
Centre Distance: 267.5
Category: False Negative

Frame: 318 Total Penalty: 309.88719985657815
GT_area: 22366
ST_area: 0

Overlap_area: 39960
IOU: 0.17871862120644436
Centre Distance: 269.0
Category: False Negative

Frame: 319 Total Penalty: 310.88719985657815
GT_area: 22152
ST_area: 0
Overlap_area: 39405
IOU: 0.17871862120644436
Centre Distance: 265.0
Category: False Negative

Frame: 320 Total Penalty: 311.88719985657815
GT_area: 21311
ST_area: 0
Overlap_area: 39960
IOU: 0.17871862120644436
Centre Distance: 266.5
Category: False Negative

Frame: 321 Total Penalty: 312.88719985657815
GT_area: 21424
ST_area: 0
Overlap_area: 39345
IOU: 0.17871862120644436
Centre Distance: 266.5
Category: False Negative

Frame: 322 Total Penalty: 313.88719985657815
GT_area: 19291
ST_area: 0
Overlap_area: 40145
IOU: 0.17871862120644436
Centre Distance: 267.5
Category: False Negative

Frame: 323 Total Penalty: 314.88719985657815
GT_area: 18025
ST_area: 0
Overlap_area: 39345
IOU: 0.17871862120644436
Centre Distance: 266.5
Category: False Negative

Frame: 324 Total Penalty: 315.88719985657815
GT_area: 16366
ST_area: 0
Overlap_area: 40515
IOU: 0.17871862120644436
Centre Distance: 268.0
Category: False Negative

Frame: 325 Total Penalty: 316.88719985657815

GT_area: 14157
ST_area: 0
Overlap_area: 40077
IOU: 0.17871862120644436
Centre Distance: 268.5
Category: False Negative

Frame: 326 Total Penalty: 317.88719985657815
GT_area: 11656
ST_area: 0
Overlap_area: 40809
IOU: 0.17871862120644436
Centre Distance: 270.0
Category: False Negative

Frame: 327 Total Penalty: 318.88719985657815
GT_area: 9434
ST_area: 0
Overlap_area: 40906
IOU: 0.17871862120644436
Centre Distance: 270.5
Category: False Negative

Frame: 328 Total Penalty: 319.88719985657815
GT_area: 7482
ST_area: 0
Overlap_area: 41907
IOU: 0.17871862120644436
Centre Distance: 272.0
Category: False Negative

Frame: 329 Total Penalty: 320.88719985657815
GT_area: 7138
ST_area: 0
Overlap_area: 41630
IOU: 0.17871862120644436
Centre Distance: 273.0
Category: False Negative

Frame: 330 Total Penalty: 321.88719985657815
GT_area: 6622
ST_area: 0
Overlap_area: 41907
IOU: 0.17871862120644436
Centre Distance: 272.0
Category: False Negative

Frame: 331 Total Penalty: 322.88719985657815
GT_area: 5146
ST_area: 0
Overlap_area: 41907
IOU: 0.17871862120644436
Centre Distance: 270.5
Category: False Negative

Frame: 332 Total Penalty: 323.88719985657815
GT_area: 3936
ST_area: 0
Overlap_area: 41907
IOU: 0.17871862120644436
Centre Distance: 270.0
Category: False Negative

Frame: 333 Total Penalty: 324.88719985657815
GT_area: 3159
ST_area: 0
Overlap_area: 41907
IOU: 0.17871862120644436
Centre Distance: 269.5
Category: False Negative

Frame: 334 Total Penalty: 325.88719985657815
GT_area: 2496
ST_area: 0
Overlap_area: 42090
IOU: 0.17871862120644436
Centre Distance: 269.0
Category: False Negative

Frame: 335 Total Penalty: 326.88719985657815
GT_area: 1800
ST_area: 0
Overlap_area: 42273
IOU: 0.17871862120644436
Centre Distance: 268.5
Category: False Negative

Frame: 336 Total Penalty: 327.88719985657815
GT_area: 1425
ST_area: 0
Overlap_area: 42273
IOU: 0.17871862120644436
Centre Distance: 268.5
Category: False Negative

Frame: 337 Total Penalty: 328.88719985657815
GT_area: 1554
ST_area: 0
Overlap_area: 41630
IOU: 0.17871862120644436
Centre Distance: 267.0
Category: False Negative

Frame: 338 Total Penalty: 329.88719985657815
GT_area: 1065
ST_area: 0
Overlap_area: 42273
IOU: 0.17871862120644436

Centre Distance: 266.5
Category: False Negative

Frame: 339 Total Penalty: 330.88719985657815
GT_area: 368
ST_area: 0
Overlap_area: 43005
IOU: 0.17871862120644436
Centre Distance: 258.0
Category: False Negative

Frame: 340 Total Penalty: 330.88719985657815
GT_area: 8
ST_area: 0
Overlap_area: 61985
IOU: 0.17871862120644436
Centre Distance: 387.0
Category: True Negative

Frame: 341 Total Penalty: 330.88719985657815
GT_area: 6
ST_area: 0
Overlap_area: 66360
IOU: 0.17871862120644436
Centre Distance: 396.0
Category: True Negative

Frame: 342 Total Penalty: 330.88719985657815
GT_area: 0
ST_area: 0
Overlap_area: 72890
IOU: 0.17871862120644436
Centre Distance: 395.5
Category: True Negative

Frame: 343 Total Penalty: 330.88719985657815
GT_area: 3
ST_area: 0
Overlap_area: 80730
IOU: 0.17871862120644436
Centre Distance: 415.5
Category: True Negative

Frame: 344 Total Penalty: 330.88719985657815
GT_area: 9
ST_area: 0
Overlap_area: 83000
IOU: 0.17871862120644436
Centre Distance: 416.5
Category: True Negative

Frame: 345 Total Penalty: 330.88719985657815
GT_area: 8
ST_area: 0

Overlap_area: 86456
IOU: 0.17871862120644436
Centre Distance: 406.0
Category: True Negative

Frame: 346 Total Penalty: 330.88719985657815
GT_area: 12
ST_area: 0
Overlap_area: 82820
IOU: 0.17871862120644436
Centre Distance: 406.0
Category: True Negative

Frame: 347 Total Penalty: 330.88719985657815
GT_area: 8
ST_area: 0
Overlap_area: 96140
IOU: 0.17871862120644436
Centre Distance: 439.0
Category: True Negative

Frame: 348 Total Penalty: 330.88719985657815
GT_area: 6
ST_area: 0
Overlap_area: 101926
IOU: 0.17871862120644436
Centre Distance: 452.5
Category: True Negative

Frame: 349 Total Penalty: 330.88719985657815
GT_area: 8
ST_area: 0
Overlap_area: 105434
IOU: 0.17871862120644436
Centre Distance: 445.0
Category: True Negative

Frame: 350 Total Penalty: 330.88719985657815
GT_area: 8
ST_area: 0
Overlap_area: 92020
IOU: 0.17871862120644436
Centre Distance: 430.0
Category: True Negative

Frame: 351 Total Penalty: 330.88719985657815
GT_area: 6
ST_area: 0
Overlap_area: 95424
IOU: 0.17871862120644436
Centre Distance: 427.5
Category: True Negative

Frame: 352 Total Penalty: 330.88719985657815

GT_area: 8
ST_area: 0
Overlap_area: 97014
IOU: 0.17871862120644436
Centre Distance: 438.0
Category: True Negative

Frame: 353 Total Penalty: 330.88719985657815
GT_area: 8
ST_area: 0
Overlap_area: 95076
IOU: 0.17871862120644436
Centre Distance: 419.0
Category: True Negative

Frame: 354 Total Penalty: 330.88719985657815
GT_area: 8
ST_area: 0
Overlap_area: 94300
IOU: 0.17871862120644436
Centre Distance: 412.0
Category: True Negative

Frame: 355 Total Penalty: 330.88719985657815
GT_area: 8
ST_area: 0
Overlap_area: 86528
IOU: 0.17871862120644436
Centre Distance: 418.0
Category: True Negative

Frame: 356 Total Penalty: 330.88719985657815
GT_area: 8
ST_area: 0
Overlap_area: 101430
IOU: 0.17871862120644436
Centre Distance: 443.0
Category: True Negative

Frame: 357 Total Penalty: 330.88719985657815
GT_area: 12
ST_area: 0
Overlap_area: 99992
IOU: 0.17871862120644436
Centre Distance: 433.0
Category: True Negative

Frame: 358 Total Penalty: 330.88719985657815
GT_area: 8
ST_area: 0
Overlap_area: 113126
IOU: 0.17871862120644436
Centre Distance: 460.0
Category: True Negative

Frame: 359 Total Penalty: 330.88719985657815
GT_area: 8
ST_area: 0
Overlap_area: 102907
IOU: 0.17871862120644436
Centre Distance: 429.0
Category: True Negative

Frame: 360 Total Penalty: 330.88719985657815
GT_area: 12
ST_area: 0
Overlap_area: 112941
IOU: 0.17871862120644436
Centre Distance: 425.0
Category: True Negative

Frame: 361 Total Penalty: 330.88719985657815
GT_area: 6
ST_area: 0
Overlap_area: 109140
IOU: 0.17871862120644436
Centre Distance: 429.5
Category: True Negative

Frame: 362 Total Penalty: 330.88719985657815
GT_area: 9
ST_area: 0
Overlap_area: 96820
IOU: 0.17871862120644436
Centre Distance: 413.5
Category: True Negative

Frame: 363 Total Penalty: 330.88719985657815
GT_area: 6
ST_area: 0
Overlap_area: 99875
IOU: 0.17871862120644436
Centre Distance: 426.5
Category: True Negative

Frame: 364 Total Penalty: 330.88719985657815
GT_area: 0
ST_area: 0
Overlap_area: 99680
IOU: 0.17871862120644436
Centre Distance: 446.0
Category: True Negative

Frame: 365 Total Penalty: 330.88719985657815
GT_area: 9
ST_area: 0
Overlap_area: 99296
IOU: 0.17871862120644436

Centre Distance: 429.5
Category: True Negative

Frame: 366 Total Penalty: 330.88719985657815
GT_area: 8
ST_area: 0
Overlap_area: 97520
IOU: 0.17871862120644436
Centre Distance: 426.0
Category: True Negative

Frame: 367 Total Penalty: 330.88719985657815
GT_area: 9
ST_area: 0
Overlap_area: 104160
IOU: 0.17871862120644436
Centre Distance: 435.5
Category: True Negative

Frame: 368 Total Penalty: 330.88719985657815
GT_area: 4
ST_area: 0
Overlap_area: 115101
IOU: 0.17871862120644436
Centre Distance: 442.0
Category: True Negative

Frame: 369 Total Penalty: 330.88719985657815
GT_area: 6
ST_area: 0
Overlap_area: 98935
IOU: 0.17871862120644436
Centre Distance: 422.5
Category: True Negative

Frame: 370 Total Penalty: 330.88719985657815
GT_area: 8
ST_area: 0
Overlap_area: 114879
IOU: 0.17871862120644436
Centre Distance: 449.0
Category: True Negative

Frame: 371 Total Penalty: 330.88719985657815
GT_area: 8
ST_area: 0
Overlap_area: 118350
IOU: 0.17871862120644436
Centre Distance: 452.0
Category: True Negative

Frame: 372 Total Penalty: 331.88719985657815
GT_area: 5544
ST_area: 0

Overlap_area: 40515
IOU: 0.17871862120644436
Centre Distance: 261.0
Category: False Negative

Frame: 373 Total Penalty: 332.88719985657815
GT_area: 15862
ST_area: 0
Overlap_area: 36815
IOU: 0.17871862120644436
Centre Distance: 250.5
Category: False Negative

Frame: 374 Total Penalty: 333.88719985657815
GT_area: 15600
ST_area: 0
Overlap_area: 37370
IOU: 0.17871862120644436
Centre Distance: 252.0
Category: False Negative

Frame: 375 Total Penalty: 334.88719985657815
GT_area: 20904
ST_area: 0
Overlap_area: 36075
IOU: 0.17871862120644436
Centre Distance: 247.0
Category: False Negative

Frame: 376 Total Penalty: 335.88719985657815
GT_area: 22018
ST_area: 0
Overlap_area: 35156
IOU: 0.17871862120644436
Centre Distance: 242.5
Category: False Negative

Frame: 377 Total Penalty: 336.88719985657815
GT_area: 21828
ST_area: 0
Overlap_area: 33670
IOU: 0.17871862120644436
Centre Distance: 235.5
Category: False Negative

Frame: 378 Total Penalty: 337.88719985657815
GT_area: 23843
ST_area: 0
Overlap_area: 31659
IOU: 0.17871862120644436
Centre Distance: 229.5
Category: False Negative

Frame: 379 Total Penalty: 338.88719985657815

GT_area: 23826
ST_area: 0
Overlap_area: 30895
IOU: 0.17871862120644436
Centre Distance: 224.0
Category: False Negative

Frame: 380 Total Penalty: 339.88719985657815
GT_area: 23643
ST_area: 0
Overlap_area: 31110
IOU: 0.17871862120644436
Centre Distance: 225.5
Category: False Negative

Frame: 381 Total Penalty: 340.88719985657815
GT_area: 24150
ST_area: 0
Overlap_area: 30340
IOU: 0.17871862120644436
Centre Distance: 221.5
Category: False Negative

Frame: 382 Total Penalty: 341.88719985657815
GT_area: 25134
ST_area: 0
Overlap_area: 29280
IOU: 0.17871862120644436
Centre Distance: 219.0
Category: False Negative

Frame: 383 Total Penalty: 342.88719985657815
GT_area: 26015
ST_area: 0
Overlap_area: 28860
IOU: 0.17871862120644436
Centre Distance: 216.5
Category: False Negative

Frame: 384 Total Penalty: 343.88719985657815
GT_area: 26937
ST_area: 0
Overlap_area: 27150
IOU: 0.17871862120644436
Centre Distance: 211.5
Category: False Negative

Frame: 385 Total Penalty: 344.88719985657815
GT_area: 26908
ST_area: 0
Overlap_area: 25883
IOU: 0.17871862120644436
Centre Distance: 205.0
Category: False Negative

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-----  
Frame: 386 Total Penalty: 345.88719985657815  
      GT_area: 26568  
      ST_area: 0  
      Overlap_area: 24344  
      IOU: 0.17871862120644436  
      Centre Distance: 197.5  
      Category: False Negative
```

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-----  
Frame: 387 Total Penalty: 346.88719985657815  
      GT_area: 27528  
      ST_area: 0  
      Overlap_area: 23760  
      IOU: 0.17871862120644436  
      Centre Distance: 197.0  
      Category: False Negative
```

```
-----  
Total Penalty: 346.88719985657815  
True Positive: 115  
False Positive: 97  
True Negative: 41  
False Negative: 133  
Average Time: 0.0050409531963921585  
>>>
```