

Real-Time Stream Simulation & Event Trigger

- Simulate a video stream using OpenCV
- Perform detection on every 3rd frame
- Trigger an alert (e.g., "Crowd Detected") if 3+ people appear in 5 consecutive frames
- Log alerts in .json or .txt format
- Plot a timeline of alert occurrences
- (Optional) Overlay alerts and export the output visuals

```
#importing necessary libraries
import cv2
import torch
from ultralytics import YOLO
import json
import matplotlib.pyplot as plt
from datetime import datetime, timedelta
import pandas as pd
import numpy as np
from collections import deque

# 1. People detection; more than 3 people in one frame in 5 consecutive frames.
def detect_people_in_frame(frame, yolo_model):
    current_people_count = 0
    results = yolo_model(frame)

    for r in results:
        boxes = r.boxes # Bounding boxes
        names = yolo_model.names # Class names

        for i, box in enumerate(boxes):
            class_id = int(box.cls[0])
            class_label = names[class_id]
            if class_label == 'person':
                current_people_count += 1
    return current_people_count

# 2. Function to create logs
def prepare_alert_log_entry(timestamp, frame_number,
    people_count_in_frame, people_threshold, consecutive_frames):
    alert_message = (f"Crowd Detected: {people_threshold}+ people
    (f'{people_count_in_frame} detected) "
                    f"in {consecutive_frames} consecutive frames.")
    log_entry = {"timestamp": timestamp, "frame_number": frame_number,
    "alert_message": alert_message, "people_count_in_frame":
    people_count_in_frame}
    return log_entry
```

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# 3. Function to plot timeline of alert occurrence
def plot_alert_timeline(timestamps_td):
    if not timestamps_td:
        print("No timestamps available for plotting timeline.")
        return

    times_in_seconds = [ts.total_seconds() for ts in timestamps_td]
    y_axis = [1] * len(times_in_seconds)
    plt.figure(figsize=(15, 5))
    plt.plot(times_in_seconds, y_axis, 'o', color='red', markersize=8,
label='Crowd Alert')
    plt.yticks([])
    plt.xlabel('Time in Video (seconds)') # Updated label
    plt.title('Timeline of Crowd Alert Occurrences (Video Time)') #
Updated title
    plt.grid(True, axis='x', linestyle='--', alpha=0.7)
    plt.xticks(rotation=45, ha='right')
    plt.legend()
    plt.tight_layout()
    plt.show()

# 4. Main function to bind and run all the tasks
def realtime_stream(video_path, model_name='yolov8n.pt', frame_skip=3,
people_threshold=3, no_of_consecutive_frame=5,
output_log_file="alerts_log.json"):
    yolo_model = YOLO(model_name)
    cap = cv2.VideoCapture(video_path)

    #to check if video path is correct or not
    if not cap.isOpened():
        print(f"Error: Could not open video {video_path}")
        return

    fps = cap.get(cv2.CAP_PROP_FPS)
    if fps == 0:
        fps = 30.0

    # creating all necessary variables
    frame_count = 0
    consecutive_frames = 0
    alert_entries = []
    alert_timestamps_for_plot = []

    print(f"Starting video processing for: {video_path} (FPS:
{fps:.2f})")

    # loop to process the video
    while True:
        ret, frame = cap.read()
        if not ret:

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        print("Error occurred while reading frame.")
        break

    if frame_count % frame_skip == 0:
        current_video_seconds = frame_count / fps
        current_video_timestamp_td =
timedelta(seconds=current_video_seconds)

        # Format the timestamp
        total_ms = int(current_video_timestamp_td.total_seconds())
* 1000)

        hours = total_ms // (1000 * 60 * 60)
        minutes = (total_ms // (1000 * 60)) % 60
        seconds = (total_ms // 1000) % 60
        ms = total_ms % 1000
        video_timestamp_str = f"{hours:02}:{minutes:02}:
{seconds:02}.{ms:03}"

        # function call to detect number of people in the frame
        current_people_count = detect_people_in_frame(frame,
yolo_model)

        # Check alert condition
        if current_people_count >= people_threshold:
            consecutive_frames += 1
        else:
            consecutive_frames = 0

        if consecutive_frames >= no_of_consecutive_frame:
            # Function call to create logs
            log_entry =
prepare_alert_log_entry(video_timestamp_str, frame_count,
current_people_count, people_threshold, no_of_consecutive_frame)
            alert_entries.append(log_entry)

        alert_timestamps_for_plot.append(current_video_timestamp_td) # Store
timedelta for plotting
        print(f"[ALERT] Video Time {video_timestamp_str} -
Frame {frame_count}: {log_entry['alert_message']}")

        # Reset consecutive frame counter
        consecutive_frames = 0

    frame_count += 1

    cap.release()

# Function to write all the logs to json file
if alert_entries:
    with open(output_log_file, "w") as f:

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        json.dump(alert_entries, f, indent=4)
    print(f"Alert log saved to {output_log_file}")
else:
    print("No alerts triggered. No log file created.")

# Plot the timeline of alert occurrences
if alert_timestamps_for_plot:
    plot_alert_timeline(alert_timestamps_for_plot)
else:
    print("No alerts to plot on timeline.")

video_data="video-dataset/video-3.mp4"
yolo_model_version = 'yolov8n.pt'

realtime_stream(
    video_path=video_data,
    model_name=yolo_model_version,
    frame_skip=3,
    people_threshold=3,
    no_of_consecutive_frame=5,
    output_log_file="alerts_log.json"
)

```

Starting video processing for: video-dataset/video-3.mp4 (FPS: 24.00)

0: 384x640 (no detections), 70.2ms

Speed: 4.7ms preprocess, 70.2ms inference, 0.8ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 (no detections), 63.4ms

Speed: 2.3ms preprocess, 63.4ms inference, 1.1ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 (no detections), 51.1ms

Speed: 1.5ms preprocess, 51.1ms inference, 0.7ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 (no detections), 43.4ms

Speed: 1.7ms preprocess, 43.4ms inference, 0.8ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 (no detections), 46.8ms

Speed: 1.8ms preprocess, 46.8ms inference, 0.7ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 (no detections), 44.7ms

Speed: 1.6ms preprocess, 44.7ms inference, 0.6ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 (no detections), 144.8ms

Speed: 2.1ms preprocess, 144.8ms inference, 1.1ms postprocess per

image at shape (1, 3, 384, 640)

0: 384x640 (no detections), 62.0ms

Speed: 1.9ms preprocess, 62.0ms inference, 0.9ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 (no detections), 53.2ms

Speed: 4.6ms preprocess, 53.2ms inference, 0.7ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 (no detections), 65.0ms

Speed: 2.0ms preprocess, 65.0ms inference, 0.9ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 (no detections), 62.3ms

Speed: 1.6ms preprocess, 62.3ms inference, 0.8ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 (no detections), 61.9ms

Speed: 4.0ms preprocess, 61.9ms inference, 0.8ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 (no detections), 54.9ms

Speed: 7.7ms preprocess, 54.9ms inference, 0.8ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 (no detections), 55.0ms

Speed: 2.0ms preprocess, 55.0ms inference, 0.7ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 (no detections), 54.9ms

Speed: 1.9ms preprocess, 54.9ms inference, 0.9ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 (no detections), 73.4ms

Speed: 1.5ms preprocess, 73.4ms inference, 1.0ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 (no detections), 51.0ms

Speed: 2.0ms preprocess, 51.0ms inference, 0.9ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 (no detections), 59.8ms

Speed: 2.6ms preprocess, 59.8ms inference, 1.0ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 (no detections), 73.6ms

Speed: 1.7ms preprocess, 73.6ms inference, 1.2ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 (no detections), 97.5ms
Speed: 2.4ms preprocess, 97.5ms inference, 0.8ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 (no detections), 80.6ms
Speed: 4.7ms preprocess, 80.6ms inference, 1.0ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 (no detections), 61.4ms
Speed: 2.5ms preprocess, 61.4ms inference, 0.7ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 (no detections), 56.2ms
Speed: 2.1ms preprocess, 56.2ms inference, 0.7ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 (no detections), 55.7ms
Speed: 1.6ms preprocess, 55.7ms inference, 0.9ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 (no detections), 51.0ms
Speed: 1.8ms preprocess, 51.0ms inference, 1.2ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 (no detections), 55.5ms
Speed: 2.6ms preprocess, 55.5ms inference, 0.7ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 (no detections), 58.8ms
Speed: 2.1ms preprocess, 58.8ms inference, 0.7ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 (no detections), 52.5ms
Speed: 1.6ms preprocess, 52.5ms inference, 0.8ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 (no detections), 52.8ms
Speed: 1.8ms preprocess, 52.8ms inference, 0.8ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 (no detections), 60.6ms
Speed: 2.4ms preprocess, 60.6ms inference, 0.7ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 (no detections), 56.5ms
Speed: 1.7ms preprocess, 56.5ms inference, 0.7ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 (no detections), 54.6ms
Speed: 1.9ms preprocess, 54.6ms inference, 0.9ms postprocess per image

at shape (1, 3, 384, 640)

0: 384x640 (no detections), 50.7ms

Speed: 2.1ms preprocess, 50.7ms inference, 0.7ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 (no detections), 65.9ms

Speed: 1.8ms preprocess, 65.9ms inference, 0.8ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 (no detections), 52.1ms

Speed: 1.7ms preprocess, 52.1ms inference, 1.2ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 (no detections), 49.0ms

Speed: 1.8ms preprocess, 49.0ms inference, 0.7ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 (no detections), 45.8ms

Speed: 2.4ms preprocess, 45.8ms inference, 1.2ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 (no detections), 45.5ms

Speed: 1.5ms preprocess, 45.5ms inference, 0.5ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 (no detections), 45.1ms

Speed: 1.7ms preprocess, 45.1ms inference, 0.7ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 (no detections), 47.4ms

Speed: 1.8ms preprocess, 47.4ms inference, 1.4ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 (no detections), 57.1ms

Speed: 1.5ms preprocess, 57.1ms inference, 1.0ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 1 person, 55.3ms

Speed: 1.6ms preprocess, 55.3ms inference, 8.5ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 1 person, 1 skateboard, 54.6ms

Speed: 3.1ms preprocess, 54.6ms inference, 1.4ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 2 persons, 1 skateboard, 56.3ms

Speed: 3.8ms preprocess, 56.3ms inference, 1.0ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 2 persons, 1 skateboard, 45.2ms
Speed: 1.8ms preprocess, 45.2ms inference, 3.8ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 2 persons, 1 bicycle, 1 skateboard, 53.8ms
Speed: 1.6ms preprocess, 53.8ms inference, 1.3ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 2 persons, 1 skateboard, 51.7ms
Speed: 1.5ms preprocess, 51.7ms inference, 0.9ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 3 persons, 1 skateboard, 75.3ms
Speed: 1.7ms preprocess, 75.3ms inference, 0.9ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 2 persons, 79.1ms
Speed: 1.7ms preprocess, 79.1ms inference, 1.0ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 2 persons, 1 skateboard, 56.2ms
Speed: 1.5ms preprocess, 56.2ms inference, 0.9ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 2 persons, 2 skateboards, 58.8ms
Speed: 1.5ms preprocess, 58.8ms inference, 1.0ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 3 persons, 2 skateboards, 58.6ms
Speed: 1.8ms preprocess, 58.6ms inference, 1.1ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 4 persons, 1 skateboard, 46.2ms
Speed: 2.4ms preprocess, 46.2ms inference, 1.0ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 2 persons, 1 skateboard, 50.6ms
Speed: 1.6ms preprocess, 50.6ms inference, 0.9ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 3 persons, 1 skateboard, 45.5ms
Speed: 1.9ms preprocess, 45.5ms inference, 1.5ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 3 persons, 1 skateboard, 49.8ms
Speed: 1.6ms preprocess, 49.8ms inference, 0.9ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 4 persons, 2 skateboards, 45.5ms
Speed: 1.6ms preprocess, 45.5ms inference, 1.0ms postprocess per image

at shape (1, 3, 384, 640)

0: 384x640 4 persons, 1 skateboard, 46.1ms

Speed: 1.8ms preprocess, 46.1ms inference, 1.1ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 3 persons, 1 skateboard, 49.4ms

Speed: 1.5ms preprocess, 49.4ms inference, 1.1ms postprocess per image
at shape (1, 3, 384, 640)

[ALERT] Video Time 00:00:07.250 - Frame 174: Crowd Detected: 3+ people
(3 detected) in 5 consecutive frames.

0: 384x640 2 persons, 1 skateboard, 57.2ms

Speed: 1.7ms preprocess, 57.2ms inference, 0.8ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 2 persons, 1 skateboard, 57.5ms

Speed: 1.7ms preprocess, 57.5ms inference, 1.3ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 3 persons, 1 skateboard, 49.9ms

Speed: 1.5ms preprocess, 49.9ms inference, 0.9ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 3 persons, 43.7ms

Speed: 2.0ms preprocess, 43.7ms inference, 1.1ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 3 persons, 1 skateboard, 43.8ms

Speed: 1.5ms preprocess, 43.8ms inference, 4.8ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 3 persons, 1 skateboard, 46.1ms

Speed: 1.5ms preprocess, 46.1ms inference, 1.0ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 3 persons, 44.4ms

Speed: 2.9ms preprocess, 44.4ms inference, 0.9ms postprocess per image
at shape (1, 3, 384, 640)

[ALERT] Video Time 00:00:08.125 - Frame 195: Crowd Detected: 3+ people
(3 detected) in 5 consecutive frames.

0: 384x640 3 persons, 47.2ms

Speed: 1.6ms preprocess, 47.2ms inference, 0.9ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 3 persons, 1 skateboard, 56.8ms

Speed: 1.9ms preprocess, 56.8ms inference, 11.2ms postprocess per
image at shape (1, 3, 384, 640)

0: 384x640 3 persons, 1 skateboard, 46.8ms
Speed: 1.5ms preprocess, 46.8ms inference, 1.4ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 3 persons, 1 skateboard, 48.0ms
Speed: 1.6ms preprocess, 48.0ms inference, 1.0ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 3 persons, 42.7ms
Speed: 1.8ms preprocess, 42.7ms inference, 1.0ms postprocess per image
at shape (1, 3, 384, 640)
[ALERT] Video Time 00:00:08.750 - Frame 210: Crowd Detected: 3+ people
(3 detected) in 5 consecutive frames.

0: 384x640 3 persons, 48.9ms
Speed: 1.6ms preprocess, 48.9ms inference, 1.1ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 3 persons, 1 skateboard, 46.5ms
Speed: 2.9ms preprocess, 46.5ms inference, 1.0ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 3 persons, 1 skateboard, 50.2ms
Speed: 1.5ms preprocess, 50.2ms inference, 1.1ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 4 persons, 56.6ms
Speed: 2.6ms preprocess, 56.6ms inference, 1.0ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 4 persons, 53.6ms
Speed: 2.5ms preprocess, 53.6ms inference, 1.2ms postprocess per image
at shape (1, 3, 384, 640)
[ALERT] Video Time 00:00:09.375 - Frame 225: Crowd Detected: 3+ people
(4 detected) in 5 consecutive frames.

0: 384x640 4 persons, 1 skateboard, 53.2ms
Speed: 1.6ms preprocess, 53.2ms inference, 1.2ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 4 persons, 52.9ms
Speed: 1.6ms preprocess, 52.9ms inference, 1.0ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 4 persons, 53.1ms
Speed: 3.8ms preprocess, 53.1ms inference, 0.9ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 4 persons, 52.2ms
Speed: 1.9ms preprocess, 52.2ms inference, 1.1ms postprocess per image

at shape (1, 3, 384, 640)

0: 384x640 4 persons, 2 skateboards, 58.7ms

Speed: 2.6ms preprocess, 58.7ms inference, 1.2ms postprocess per image
at shape (1, 3, 384, 640)

[ALERT] Video Time 00:00:10.000 - Frame 240: Crowd Detected: 3+ people
(4 detected) in 5 consecutive frames.

0: 384x640 4 persons, 3 skateboards, 57.7ms

Speed: 2.0ms preprocess, 57.7ms inference, 1.2ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 4 persons, 55.6ms

Speed: 2.1ms preprocess, 55.6ms inference, 1.5ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 4 persons, 51.6ms

Speed: 1.8ms preprocess, 51.6ms inference, 1.4ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 4 persons, 1 skateboard, 55.3ms

Speed: 1.9ms preprocess, 55.3ms inference, 1.2ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 6 persons, 1 skateboard, 56.1ms

Speed: 1.7ms preprocess, 56.1ms inference, 1.3ms postprocess per image
at shape (1, 3, 384, 640)

[ALERT] Video Time 00:00:10.625 - Frame 255: Crowd Detected: 3+ people
(6 detected) in 5 consecutive frames.

0: 384x640 5 persons, 62.8ms

Speed: 2.0ms preprocess, 62.8ms inference, 1.2ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 6 persons, 66.2ms

Speed: 1.8ms preprocess, 66.2ms inference, 1.2ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 5 persons, 62.9ms

Speed: 1.9ms preprocess, 62.9ms inference, 1.6ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 5 persons, 1 skateboard, 62.4ms

Speed: 2.7ms preprocess, 62.4ms inference, 2.4ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 6 persons, 4 skateboards, 61.5ms

Speed: 1.9ms preprocess, 61.5ms inference, 1.4ms postprocess per image
at shape (1, 3, 384, 640)

[ALERT] Video Time 00:00:11.250 - Frame 270: Crowd Detected: 3+ people

(6 detected) in 5 consecutive frames.

0: 384x640 6 persons, 1 skateboard, 60.6ms
Speed: 2.9ms preprocess, 60.6ms inference, 1.2ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 5 persons, 1 skateboard, 53.0ms
Speed: 1.9ms preprocess, 53.0ms inference, 1.1ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 5 persons, 1 skateboard, 52.0ms
Speed: 2.0ms preprocess, 52.0ms inference, 1.2ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 5 persons, 3 skateboards, 55.7ms
Speed: 2.1ms preprocess, 55.7ms inference, 1.2ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 5 persons, 2 skateboards, 53.7ms
Speed: 1.5ms preprocess, 53.7ms inference, 1.2ms postprocess per image
at shape (1, 3, 384, 640)
[ALERT] Video Time 00:00:11.875 - Frame 285: Crowd Detected: 3+ people
(5 detected) in 5 consecutive frames.

0: 384x640 6 persons, 53.1ms
Speed: 2.2ms preprocess, 53.1ms inference, 1.2ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 6 persons, 55.0ms
Speed: 2.4ms preprocess, 55.0ms inference, 1.1ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 6 persons, 1 skateboard, 54.4ms
Speed: 2.7ms preprocess, 54.4ms inference, 0.9ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 5 persons, 4 skateboards, 52.4ms
Speed: 1.9ms preprocess, 52.4ms inference, 2.1ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 5 persons, 2 skateboards, 55.0ms
Speed: 1.9ms preprocess, 55.0ms inference, 1.2ms postprocess per image
at shape (1, 3, 384, 640)
[ALERT] Video Time 00:00:12.500 - Frame 300: Crowd Detected: 3+ people
(5 detected) in 5 consecutive frames.

0: 384x640 6 persons, 1 skateboard, 51.9ms
Speed: 1.7ms preprocess, 51.9ms inference, 1.2ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 6 persons, 1 skateboard, 52.9ms
Speed: 2.4ms preprocess, 52.9ms inference, 1.2ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 6 persons, 1 skateboard, 51.3ms
Speed: 1.7ms preprocess, 51.3ms inference, 1.0ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 6 persons, 1 handbag, 52.1ms
Speed: 2.4ms preprocess, 52.1ms inference, 1.0ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 7 persons, 110.4ms
Speed: 1.6ms preprocess, 110.4ms inference, 1.1ms postprocess per
image at shape (1, 3, 384, 640)
[ALERT] Video Time 00:00:13.125 - Frame 315: Crowd Detected: 3+ people
(7 detected) in 5 consecutive frames.

0: 384x640 6 persons, 54.0ms
Speed: 2.3ms preprocess, 54.0ms inference, 1.6ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 8 persons, 55.3ms
Speed: 1.8ms preprocess, 55.3ms inference, 1.0ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 7 persons, 3 skateboards, 65.4ms
Speed: 1.9ms preprocess, 65.4ms inference, 1.5ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 7 persons, 1 skateboard, 56.6ms
Speed: 1.9ms preprocess, 56.6ms inference, 1.4ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 7 persons, 51.8ms
Speed: 1.8ms preprocess, 51.8ms inference, 1.3ms postprocess per image
at shape (1, 3, 384, 640)
[ALERT] Video Time 00:00:13.750 - Frame 330: Crowd Detected: 3+ people
(7 detected) in 5 consecutive frames.

0: 384x640 6 persons, 52.6ms
Speed: 1.8ms preprocess, 52.6ms inference, 1.2ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 7 persons, 52.0ms
Speed: 1.6ms preprocess, 52.0ms inference, 1.2ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 6 persons, 54.4ms
Speed: 2.3ms preprocess, 54.4ms inference, 1.0ms postprocess per image

at shape (1, 3, 384, 640)

0: 384x640 7 persons, 51.2ms

Speed: 2.3ms preprocess, 51.2ms inference, 1.7ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 6 persons, 65.9ms

Speed: 1.5ms preprocess, 65.9ms inference, 1.0ms postprocess per image
at shape (1, 3, 384, 640)

[ALERT] Video Time 00:00:14.375 - Frame 345: Crowd Detected: 3+ people
(6 detected) in 5 consecutive frames.

0: 384x640 8 persons, 2 skateboards, 57.7ms

Speed: 2.8ms preprocess, 57.7ms inference, 1.2ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 7 persons, 3 skateboards, 57.3ms

Speed: 1.5ms preprocess, 57.3ms inference, 1.3ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 7 persons, 1 skateboard, 59.7ms

Speed: 2.1ms preprocess, 59.7ms inference, 1.3ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 6 persons, 2 skateboards, 55.4ms

Speed: 1.8ms preprocess, 55.4ms inference, 1.2ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 6 persons, 2 skateboards, 51.9ms

Speed: 1.8ms preprocess, 51.9ms inference, 2.2ms postprocess per image
at shape (1, 3, 384, 640)

[ALERT] Video Time 00:00:15.000 - Frame 360: Crowd Detected: 3+ people
(6 detected) in 5 consecutive frames.

0: 384x640 7 persons, 2 skateboards, 53.5ms

Speed: 1.6ms preprocess, 53.5ms inference, 1.0ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 6 persons, 2 skateboards, 51.1ms

Speed: 1.9ms preprocess, 51.1ms inference, 1.2ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 6 persons, 1 skateboard, 51.7ms

Speed: 1.7ms preprocess, 51.7ms inference, 1.2ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 6 persons, 1 skateboard, 60.6ms

Speed: 1.7ms preprocess, 60.6ms inference, 1.1ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 7 persons, 1 skateboard, 55.0ms

Speed: 1.6ms preprocess, 55.0ms inference, 1.3ms postprocess per image at shape (1, 3, 384, 640)
[ALERT] Video Time 00:00:15.625 - Frame 375: Crowd Detected: 3+ people (7 detected) in 5 consecutive frames.

0: 384x640 5 persons, 2 skateboards, 54.0ms
Speed: 1.5ms preprocess, 54.0ms inference, 1.0ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 5 persons, 51.0ms
Speed: 2.0ms preprocess, 51.0ms inference, 1.0ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 5 persons, 51.5ms
Speed: 1.8ms preprocess, 51.5ms inference, 1.5ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 6 persons, 1 skateboard, 51.6ms
Speed: 1.9ms preprocess, 51.6ms inference, 1.3ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 6 persons, 1 skateboard, 52.0ms
Speed: 1.8ms preprocess, 52.0ms inference, 1.5ms postprocess per image at shape (1, 3, 384, 640)
[ALERT] Video Time 00:00:16.250 - Frame 390: Crowd Detected: 3+ people (6 detected) in 5 consecutive frames.

0: 384x640 6 persons, 1 skateboard, 50.6ms
Speed: 1.8ms preprocess, 50.6ms inference, 1.1ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 5 persons, 61.9ms
Speed: 2.1ms preprocess, 61.9ms inference, 1.2ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 5 persons, 51.9ms
Speed: 1.8ms preprocess, 51.9ms inference, 1.1ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 5 persons, 1 skateboard, 52.8ms
Speed: 2.9ms preprocess, 52.8ms inference, 0.9ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 6 persons, 1 skateboard, 53.9ms
Speed: 1.8ms preprocess, 53.9ms inference, 1.3ms postprocess per image at shape (1, 3, 384, 640)
[ALERT] Video Time 00:00:16.875 - Frame 405: Crowd Detected: 3+ people (6 detected) in 5 consecutive frames.

0: 384x640 5 persons, 1 skateboard, 52.5ms

Speed: 1.7ms preprocess, 52.5ms inference, 1.5ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 4 persons, 54.8ms

Speed: 2.1ms preprocess, 54.8ms inference, 1.2ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 4 persons, 1 skateboard, 51.3ms

Speed: 2.1ms preprocess, 51.3ms inference, 1.5ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 4 persons, 2 skateboards, 51.4ms

Speed: 1.9ms preprocess, 51.4ms inference, 1.2ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 4 persons, 1 skateboard, 50.3ms

Speed: 2.3ms preprocess, 50.3ms inference, 1.2ms postprocess per image at shape (1, 3, 384, 640)

[ALERT] Video Time 00:00:17.500 - Frame 420: Crowd Detected: 3+ people (4 detected) in 5 consecutive frames.

0: 384x640 3 persons, 55.2ms

Speed: 1.9ms preprocess, 55.2ms inference, 1.3ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 3 persons, 2 skateboards, 55.0ms

Speed: 1.9ms preprocess, 55.0ms inference, 1.2ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 3 persons, 1 skateboard, 70.6ms

Speed: 1.6ms preprocess, 70.6ms inference, 1.4ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 3 persons, 1 skateboard, 62.9ms

Speed: 1.9ms preprocess, 62.9ms inference, 1.3ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 3 persons, 61.1ms

Speed: 1.8ms preprocess, 61.1ms inference, 1.2ms postprocess per image at shape (1, 3, 384, 640)

[ALERT] Video Time 00:00:18.125 - Frame 435: Crowd Detected: 3+ people (3 detected) in 5 consecutive frames.

0: 384x640 3 persons, 2 skateboards, 56.7ms

Speed: 2.4ms preprocess, 56.7ms inference, 1.2ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 4 persons, 2 skateboards, 109.1ms

Speed: 2.1ms preprocess, 109.1ms inference, 2.4ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 3 persons, 1 skateboard, 76.3ms
Speed: 1.9ms preprocess, 76.3ms inference, 1.1ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 4 persons, 2 skateboards, 73.5ms
Speed: 2.9ms preprocess, 73.5ms inference, 1.3ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 3 persons, 1 skateboard, 66.9ms
Speed: 4.6ms preprocess, 66.9ms inference, 1.2ms postprocess per image
at shape (1, 3, 384, 640)
[ALERT] Video Time 00:00:18.750 - Frame 450: Crowd Detected: 3+ people
(3 detected) in 5 consecutive frames.

0: 384x640 3 persons, 1 skateboard, 60.4ms
Speed: 2.5ms preprocess, 60.4ms inference, 1.1ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 4 persons, 1 skateboard, 95.2ms
Speed: 1.8ms preprocess, 95.2ms inference, 1.6ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 3 persons, 74.1ms
Speed: 3.0ms preprocess, 74.1ms inference, 1.3ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 4 persons, 60.4ms
Speed: 2.2ms preprocess, 60.4ms inference, 3.3ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 3 persons, 4 skateboards, 77.3ms
Speed: 1.9ms preprocess, 77.3ms inference, 1.0ms postprocess per image
at shape (1, 3, 384, 640)
[ALERT] Video Time 00:00:19.375 - Frame 465: Crowd Detected: 3+ people
(3 detected) in 5 consecutive frames.

0: 384x640 3 persons, 1 skateboard, 59.5ms
Speed: 3.7ms preprocess, 59.5ms inference, 1.2ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 3 persons, 2 skateboards, 120.4ms
Speed: 1.7ms preprocess, 120.4ms inference, 1.9ms postprocess per
image at shape (1, 3, 384, 640)

0: 384x640 4 persons, 3 skateboards, 152.2ms
Speed: 2.6ms preprocess, 152.2ms inference, 1.3ms postprocess per
image at shape (1, 3, 384, 640)

0: 384x640 4 persons, 2 skateboards, 101.0ms

Speed: 3.3ms preprocess, 101.0ms inference, 1.2ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 3 persons, 1 skateboard, 135.3ms

Speed: 2.4ms preprocess, 135.3ms inference, 1.5ms postprocess per image at shape (1, 3, 384, 640)

[ALERT] Video Time 00:00:20.000 - Frame 480: Crowd Detected: 3+ people (3 detected) in 5 consecutive frames.

0: 384x640 4 persons, 2 skateboards, 98.0ms

Speed: 8.6ms preprocess, 98.0ms inference, 1.8ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 3 persons, 1 skateboard, 168.8ms

Speed: 3.0ms preprocess, 168.8ms inference, 1.8ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 4 persons, 1 skateboard, 100.1ms

Speed: 2.1ms preprocess, 100.1ms inference, 1.2ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 4 persons, 1 skateboard, 103.0ms

Speed: 2.0ms preprocess, 103.0ms inference, 1.4ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 5 persons, 2 skateboards, 78.7ms

Speed: 2.2ms preprocess, 78.7ms inference, 1.2ms postprocess per image at shape (1, 3, 384, 640)

[ALERT] Video Time 00:00:20.625 - Frame 495: Crowd Detected: 3+ people (5 detected) in 5 consecutive frames.

0: 384x640 3 persons, 1 skateboard, 107.9ms

Speed: 4.5ms preprocess, 107.9ms inference, 1.2ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 3 persons, 3 skateboards, 71.9ms

Speed: 2.1ms preprocess, 71.9ms inference, 0.9ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 4 persons, 3 skateboards, 55.3ms

Speed: 2.0ms preprocess, 55.3ms inference, 1.3ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 5 persons, 1 skateboard, 57.6ms

Speed: 1.9ms preprocess, 57.6ms inference, 1.7ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 5 persons, 2 skateboards, 58.6ms

Speed: 1.6ms preprocess, 58.6ms inference, 1.4ms postprocess per image at shape (1, 3, 384, 640)

[ALERT] Video Time 00:00:21.250 - Frame 510: Crowd Detected: 3+ people (5 detected) in 5 consecutive frames.

0: 384x640 5 persons, 1 skateboard, 61.7ms
Speed: 1.6ms preprocess, 61.7ms inference, 1.2ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 5 persons, 1 skateboard, 54.5ms
Speed: 2.1ms preprocess, 54.5ms inference, 1.6ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 5 persons, 1 skateboard, 64.7ms
Speed: 2.2ms preprocess, 64.7ms inference, 1.6ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 4 persons, 1 skateboard, 63.7ms
Speed: 1.9ms preprocess, 63.7ms inference, 1.1ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 5 persons, 3 skateboards, 58.0ms
Speed: 1.9ms preprocess, 58.0ms inference, 1.2ms postprocess per image at shape (1, 3, 384, 640)

[ALERT] Video Time 00:00:21.875 - Frame 525: Crowd Detected: 3+ people (5 detected) in 5 consecutive frames.

0: 384x640 4 persons, 2 skateboards, 113.6ms
Speed: 1.8ms preprocess, 113.6ms inference, 1.2ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 4 persons, 55.6ms
Speed: 1.5ms preprocess, 55.6ms inference, 1.2ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 3 persons, 1 skateboard, 58.2ms
Speed: 1.7ms preprocess, 58.2ms inference, 1.1ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 4 persons, 3 skateboards, 54.1ms
Speed: 1.7ms preprocess, 54.1ms inference, 1.0ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 4 persons, 2 skateboards, 56.5ms
Speed: 1.9ms preprocess, 56.5ms inference, 1.3ms postprocess per image at shape (1, 3, 384, 640)

[ALERT] Video Time 00:00:22.500 - Frame 540: Crowd Detected: 3+ people (4 detected) in 5 consecutive frames.

0: 384x640 3 persons, 1 skateboard, 56.3ms
Speed: 2.4ms preprocess, 56.3ms inference, 1.1ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 3 persons, 52.3ms
Speed: 1.6ms preprocess, 52.3ms inference, 1.6ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 3 persons, 1 skateboard, 53.1ms
Speed: 1.8ms preprocess, 53.1ms inference, 1.2ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 4 persons, 1 skateboard, 51.0ms
Speed: 1.6ms preprocess, 51.0ms inference, 1.1ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 4 persons, 3 skateboards, 51.3ms
Speed: 2.4ms preprocess, 51.3ms inference, 1.0ms postprocess per image
at shape (1, 3, 384, 640)
[ALERT] Video Time 00:00:23.125 - Frame 555: Crowd Detected: 3+ people
(4 detected) in 5 consecutive frames.

0: 384x640 2 persons, 1 skateboard, 55.1ms
Speed: 1.8ms preprocess, 55.1ms inference, 1.2ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 2 persons, 1 toilet, 58.5ms
Speed: 2.2ms preprocess, 58.5ms inference, 1.1ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 2 persons, 1 skateboard, 52.6ms
Speed: 2.0ms preprocess, 52.6ms inference, 1.3ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 2 persons, 57.3ms
Speed: 1.8ms preprocess, 57.3ms inference, 1.0ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 1 person, 1 skateboard, 55.7ms
Speed: 1.8ms preprocess, 55.7ms inference, 0.9ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 2 persons, 1 toilet, 53.3ms
Speed: 1.8ms preprocess, 53.3ms inference, 1.6ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 2 persons, 1 skateboard, 1 toilet, 51.8ms
Speed: 1.9ms preprocess, 51.8ms inference, 1.3ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 2 persons, 1 skateboard, 53.9ms
Speed: 1.6ms preprocess, 53.9ms inference, 1.3ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 2 persons, 1 bench, 1 skateboard, 53.2ms
Speed: 1.7ms preprocess, 53.2ms inference, 1.2ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 3 persons, 1 bench, 53.3ms
Speed: 2.2ms preprocess, 53.3ms inference, 1.1ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 2 persons, 1 bench, 1 skateboard, 53.6ms
Speed: 2.0ms preprocess, 53.6ms inference, 1.3ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 1 person, 1 skateboard, 60.4ms
Speed: 2.0ms preprocess, 60.4ms inference, 1.1ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 1 person, 60.9ms
Speed: 2.2ms preprocess, 60.9ms inference, 1.7ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 1 person, 1 truck, 50.8ms
Speed: 1.8ms preprocess, 50.8ms inference, 1.7ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 2 persons, 1 skateboard, 49.5ms
Speed: 1.7ms preprocess, 49.5ms inference, 1.1ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 1 person, 1 truck, 1 skateboard, 52.4ms
Speed: 1.8ms preprocess, 52.4ms inference, 2.9ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 1 person, 1 skateboard, 50.7ms
Speed: 1.8ms preprocess, 50.7ms inference, 1.1ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 1 person, 52.2ms
Speed: 1.7ms preprocess, 52.2ms inference, 1.1ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 1 person, 50.8ms
Speed: 1.8ms preprocess, 50.8ms inference, 0.9ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 1 person, 61.4ms
Speed: 1.8ms preprocess, 61.4ms inference, 1.3ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 1 person, 59.8ms

Speed: 5.9ms preprocess, 59.8ms inference, 0.9ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 1 person, 53.2ms

Speed: 1.9ms preprocess, 53.2ms inference, 2.2ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 1 person, 52.4ms

Speed: 2.0ms preprocess, 52.4ms inference, 0.9ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 1 person, 1 car, 1 skateboard, 51.5ms

Speed: 1.9ms preprocess, 51.5ms inference, 1.0ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 1 person, 1 car, 1 skateboard, 53.2ms

Speed: 1.7ms preprocess, 53.2ms inference, 1.3ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 1 person, 1 car, 1 skateboard, 53.4ms

Speed: 2.2ms preprocess, 53.4ms inference, 1.0ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 1 person, 48.8ms

Speed: 2.2ms preprocess, 48.8ms inference, 1.1ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 1 person, 1 skateboard, 52.6ms

Speed: 1.9ms preprocess, 52.6ms inference, 1.2ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 1 person, 50.0ms

Speed: 1.6ms preprocess, 50.0ms inference, 1.1ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 1 person, 1 skateboard, 51.4ms

Speed: 1.5ms preprocess, 51.4ms inference, 1.0ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 1 person, 51.4ms

Speed: 1.5ms preprocess, 51.4ms inference, 1.1ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 1 person, 1 skateboard, 49.7ms

Speed: 1.8ms preprocess, 49.7ms inference, 1.1ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 1 person, 1 skateboard, 62.2ms

Speed: 2.0ms preprocess, 62.2ms inference, 1.2ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 2 persons, 1 skateboard, 58.8ms
Speed: 1.8ms preprocess, 58.8ms inference, 1.1ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 1 person, 54.8ms
Speed: 1.9ms preprocess, 54.8ms inference, 1.1ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 2 persons, 56.0ms
Speed: 1.9ms preprocess, 56.0ms inference, 1.2ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 2 persons, 57.1ms
Speed: 1.9ms preprocess, 57.1ms inference, 1.1ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 1 person, 54.8ms
Speed: 1.8ms preprocess, 54.8ms inference, 1.4ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 3 persons, 54.3ms
Speed: 1.7ms preprocess, 54.3ms inference, 1.5ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 1 person, 57.5ms
Speed: 1.7ms preprocess, 57.5ms inference, 1.2ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 1 person, 58.7ms
Speed: 2.1ms preprocess, 58.7ms inference, 1.7ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 2 persons, 1 skateboard, 60.7ms
Speed: 1.8ms preprocess, 60.7ms inference, 1.4ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 2 persons, 57.8ms
Speed: 2.6ms preprocess, 57.8ms inference, 1.4ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 2 persons, 63.9ms
Speed: 2.1ms preprocess, 63.9ms inference, 1.3ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 2 persons, 1 skateboard, 65.4ms
Speed: 2.0ms preprocess, 65.4ms inference, 1.0ms postprocess per image
at shape (1, 3, 384, 640)

0: 384x640 2 persons, 56.6ms

Speed: 1.7ms preprocess, 56.6ms inference, 1.2ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 2 persons, 1 skateboard, 59.3ms

Speed: 2.0ms preprocess, 59.3ms inference, 1.4ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 2 persons, 58.5ms

Speed: 1.7ms preprocess, 58.5ms inference, 1.0ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 2 persons, 1 skateboard, 117.5ms

Speed: 2.0ms preprocess, 117.5ms inference, 1.6ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 2 persons, 55.2ms

Speed: 1.8ms preprocess, 55.2ms inference, 1.7ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 3 persons, 1 skateboard, 51.6ms

Speed: 1.6ms preprocess, 51.6ms inference, 1.3ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 3 persons, 1 skateboard, 52.8ms

Speed: 2.1ms preprocess, 52.8ms inference, 1.3ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 2 persons, 53.2ms

Speed: 1.7ms preprocess, 53.2ms inference, 1.3ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 3 persons, 50.8ms

Speed: 1.6ms preprocess, 50.8ms inference, 1.0ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 4 persons, 54.7ms

Speed: 2.4ms preprocess, 54.7ms inference, 1.2ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 4 persons, 52.1ms

Speed: 1.8ms preprocess, 52.1ms inference, 2.1ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 3 persons, 51.7ms

Speed: 2.1ms preprocess, 51.7ms inference, 0.9ms postprocess per image at shape (1, 3, 384, 640)

0: 384x640 3 persons, 51.9ms

Speed: 1.9ms preprocess, 51.9ms inference, 1.1ms postprocess per image at shape (1, 3, 384, 640)

[ALERT] Video Time 00:00:30.375 - Frame 729: Crowd Detected: 3+ people (3 detected) in 5 consecutive frames.

0: 384x640 3 persons, 2 skateboards, 53.3ms

Speed: 2.0ms preprocess, 53.3ms inference, 1.2ms postprocess per image at shape (1, 3, 384, 640)

Error occurred while reading frame.

Alert log saved to alerts_log.json

