This document provides the supplementary information about the demonstration videos of the SPUMix-augmented MVDeTr.

1. The videos contain the pedestrian detection results in part of the frames of three benchmark datasets, which is to make the size of each video within the 25 MB limit of GitHub.
2. The video “Wildtrack.avi” contains the pedestrian detection results at frames 1800-1995 of the EPFL Wildtrack Dataset with 7 camera views. The Wildtrack video was originally captured at a frame rate of 60 frames per second. The demonstration video was generated by sampling the original video at a frame rate of 2 frames per second. The original resolution of the Wildtrack video is 1920 × 1080 pixels, which was reduced to 480 × 360 pixels in the demonstration video.
3. The video “MultiviewX.avi” contains the pedestrian detection results at frames 360-399 of the MultiviewX Dataset with 6 camera views. The MultiviewX video was originally captured at a frame rate of 60 frames per second. The demonstration video was generated by sampling the original video at a frame rate of 2 frames per second. The original resolution of the MultiviewX video is 1920 × 1080 pixels, which was reduced to 480 × 360 pixels in the demonstration video.
4. The video “MVPerception(Day-to-Night).avi” contains the pedestrian detection results at frames 360-399 of the MVPerception(Day-to-Night) Dataset with 6 camera views. The MVPerception(Day-to-Night) video was originally captured at a frame rate of 60 frames per second. The demonstration video was generated by sampling the original video at a frame rate of 2 frames per second. The original resolution of the MVPerception(Day-to-Night) video is 1920 × 1080 pixels, which was reduced to 480 × 360 pixels in the demonstration video.
5. The bounding boxes are of the average size of the pedestrians and sitting on the ground locations where the pedestrians are identified.
6. Each pedestrian is represented by a distinguished but consistent colour, at a single frame, in all camera views and the synthetic top view. This colour for each pedestrian may change across different frames, since tracking is not included in the SPUMix-augmented MVDeTr.