Point Matching (Re-detection) Results

November 13, 2015

Points matched with a gap of 5 frames (only on vehicles) are shown in blue. This can be used for re-detection purposes.

For all sequences, results are shown for CoMaL+SSD, and the second best method for that sequence. All the sequences shown have vehicles moving under significant background changes.We see from these videos that compared to prior methods, Co-MaL detects points more consistently and in larger numbers even under such illumination changes and background variations, especially in the boundary regions. The performance in the boundary regions is similar.

All the avi videos were encoded using the XviD codec which can be downloaded from: https://www.xvid.com/download/.