|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Detector | Image Number | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| AKAZE | Total keypoints | 1351 | 1327 | 1311 | 1351 | 1360 | 1347 | 1363 | 1331 | 1358 | 1331 |
| Keypoints on preceeding vehicle | 156 | 149 | 152 | 146 | 157 | 160 | 168 | 168 | 168 | 165 |
| BRISK | Total keypoints | 2757 | 2777 | 2741 | 2735 | 2757 | 2695 | 2715 | 2628 | 2639 | 2672 |
| Keypoints on preceeding vehicle | 245 | 264 | 267 | 264 | 282 | 266 | 277 | 259 | 248 | 239 |
| FAST | Total keypoints | 2697 | 2665 | 2653 | 2730 | 2684 | 2700 | 2646 | 2597 | 2691 | 2692 |
| Keypoints on preceeding vehicle | 216 | 218 | 211 | 225 | 204 | 210 | 215 | 204 | 205 | 211 |
| Harris | Total keypoints | 339 | 286 | 349 | 356 | 521 | 2611 | 200 | 806 | 572 | 1471 |
| Keypoints on preceeding vehicle | 49 | 39 | 62 | 56 | 83 | 312 | 36 | 130 | 93 | 186 |
| ORB | Total keypoints | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 |
| Keypoints on preceeding vehicle | 85 | 100 | 104 | 110 | 106 | 121 | 127 | 117 | 116 | 116 |
| ShiTomasi | Total keypoints | 1370 | 1301 | 1361 | 1358 | 1333 | 1284 | 1322 | 1366 | 1389 | 1339 |
| Keypoints on preceeding vehicle | 122 | 117 | 122 | 117 | 115 | 112 | 112 | 120 | 111 | 108 |
| SIFT | Total keypoints | 1438 | 1371 | 1380 | 1335 | 1305 | 1369 | 1396 | 1382 | 1463 | 1422 |
| Keypoints on preceeding vehicle | 130 | 127 | 118 | 133 | 133 | 135 | 132 | 141 | 150 | 131 |

**MP\_7: Number of keypoints image wise and descriptor wise**



