|  |  |  |  |
| --- | --- | --- | --- |
| DETECTOR TYPE | DESCRIPTOR TYPE | TTC Lidar | TTC Camera |
| SHITOMASI | BRISK | 12.515600 | 13.273751 |
| SHITOMASI | BRIEF | 12.515600 | 13.086079 |
| SHITOMASI | ORB | 12.515600 | 12.120576 |
| SHITOMASI | FREAK | 12.515600 | 13.730167 |
| SHITOMASI | AZAZE | Not responding | Not responding |
| SHITOMASI | SIFT | Not responding | Not responding |
| HARRIS | BRISK | 0 | 0 |
| HARRIS | BRIEF | 0 | 0 |
| HARRIS | ORB | 0 | 0 |
| HARRIS | FREAK | 0 | 0 |
| HARRIS | AZAZE | 0 | 0 |
| HARRIS | SIFT | Not responding | Not responding |
| BRISK | BRISK | 12.515600 | 14.334594 |
| BRISK | BRIEF | 12.515600 | 10.963247 |
| BRISK | ORB | 12.515600 | 11.326034 |
| BRISK | FREAK | 12.515600 | 12.394944 |
| BRISK | AZAZE | Not responding | Not responding |
| BRISK | SIFT | Not responding | Not responding |
| FAST | BRISK | 12.515600 | 13.811724 |
| FAST | BRIEF | 12.515600 | 10.063683 |
| FAST | ORB | 12.515600 | 11.472691 |
| FAST | FREAK | 12.515600 | 12.067221 |
| FAST | AZAZE | Not responding | Not responding |
| FAST | SIFT | Not responding | Not responding |
| ORB | BRISK | 12.515600 | 10.285228 |
| ORB | BRIEF | 12.515600 | 16.507279 |
| ORB | ORB | 12.515600 | -inf |
| ORB | FREAK | 12.515600 | 12.056893 |
| ORB | AZAZE | Not responding | Not responding |
| ORB | SIFT | Not responding | Not responding |
| AZAZE | BRISK | 12.515600 | 11.679474 |
| AZAZE | BRIEF | 12.515600 | 12.274398 |
| AZAZE | ORB | 12.515600 | 10.928628 |
| AZAZE | FREAK | 12.515600 | 11.479612 |
| AZAZE | AZAZE | 12.515600 | 11.610250 |
| AZAZE | SIFT | Not responding | Not responding |
| SIFT | BRISK | Not responding | Not responding |
| SIFT | BRIEF | Not responding | Not responding |
| SIFT | ORB | Not responding | Not responding |
| SIFT | FREAK | Not responding | Not responding |
| SIFT | AZAZE | Not responding | Not responding |
| SIFT | SIFT | Not responding | Not responding |

Best detector based on timing: FAST detector

Best descriptor based on timing: BRIEF descriptor

Best detector based on Performance: AZAZE detector

Best descriptor based on timing: BRIEF descriptor

Best Combination: FAST-BRIEF combination