**Dataset Name: Small Village**

**Number of Images: 120**

**Image Resolution: 0.35x**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Detector** | **Threshold** | **Octaves** | **Upright** | **Result** |
| BRISK | 60 | 6 |  | Worked |
| ORB | 20000 |  |  | Worked |
| KAZE | 0.001f (Default) | 4 (Default) | 0 (Default) | Worked |
| AKAZE | 0.001f (Default) | 4 (Default) | 0 (Default) | Worked |
| STAR + BRIEF | **Star**   responseThreshold=30 (Default) |  |  | Worked |
| BRISK + FREAK | **Brisk**  60 | **Brisk**  8  **Freak**  4 (Default) |  | Worked |
| MSER + SIFT | **Mser**  area\_threshold=1.01 (Default).  **Sift**  edgeThreshold=10 (Default). |  |  | Worked |
| AGAST + SIFT | **Agast**  40 (Default).  **Sift**  edgeThreshold=10 (Default). |  |  | Worked |
| FAST + SIFT | **Fast**  40 (Default).  **Sift**  edgeThreshold=10 (Default). |  |  | Worked |
| GFTT + SIFT | **Gftt** (Default).  **Sift**  edgeThreshold=10 (Default). |  |  | Worked |
| DAISY+SIFT | **Daisy** (Default).    **Sift**  edgeThreshold=10 (Default). |  |  | Worked |
| SURF + SIFT | **Surf**  hessianThreshold=100 (Default).  **Sift**  edgeThreshold=10 (Default) | **Surf**  4 (Default) | **Surf**  0 (Default) | RAM Crashed |
| SIFT | edgeThreshold=10 (Default) |  |  | Worked |
| SURF | hessianThreshold=100 (Default) |  | 1 | Worked |
| ROOTSIFT | **Sift**  edgeThreshold=10 (Default) |  |  | Worked |
| SuperPoint | Default |  |  | Worked |