

Dataset Name: Small Village

Number of Images: 120

Image Resolution: 0.75x

Detector	Parameters	Result
BRISK	Threshold = 60 nOctaves = 6	Worked
ORB	20000	Worked
KAZE	Threshold = 0.001f, nOctaves = 4, Upright = 0 (Default)	RAM Crashed
AKAZE	Threshold = 0.001f, nOctaves = 4, Upright = 0 (Default)	Worked
STAR + BRIEF	<u>Star</u> responseThreshold=30 (Default)	Worked
BRISK + FREAK	<u>Brisk</u> Threshold = 60, nOctaves = 8	Worked
MSER + SIFT	<u>Mser</u> area_threshold = 1.01 (Default)  <u>Sift</u> edgeThreshold = 10 (Default)	Worked
AGAST + SIFT	<u>Agast</u> Threshold = 40  <u>Sift</u> nfeatures = 50, contrastThreshold=0.02, edgeThreshold=4	Worked
FAST + SIFT	<u>Agast</u> Threshold=40  <u>Sift</u> nfeatures = 1000, contrastThreshold=0.02, edgeThreshold=4	Worked
GFTT + SIFT	<u>Gftt</u> (Default)  <u>Sift</u> edgeThreshold = 10 (Default)	Worked
DAISY+SIFT	<u>Daisy</u> nfeatures = 2000,	Worked

	contrastThreshold=0.02, edgeThreshold=4	
SURF + SIFT	<p><b><u>Surf</u></b> hessianThreshold=100, nOctaves = 4, upright = 0 (Default)</p> <p><b><u>Sift</u></b> edgeThreshold=10 (Default)</p>	RAM Crashed
SIFT	nfeatures = 1000, contrastThreshold=0.02, edgeThreshold=4	Worked
SURF	nOctaves = 3, hessianThreshold = 20 , upright=1	Worked
ROOTSIFT	<p><b><u>Sift</u></b> nfeatures = 1000, contrastThreshold=0.02, edgeThreshold=4</p>	Worked
SuperPoint	Default	RAM Crashed