Detector/Descriptor	Keypoints	Keypoints per ROI	#Describtor	#Matched Points	Avg Detection(ms)	Avg Overall(ms)	RMSE(ms)
HARRIS/AKAZE	0	0	0	0	0	0	0
SHITOMASI/AKAZE	0	0	0	0	0	0	0
FAST/AKAZE	0	0	0	0	0	0	0
BRISK/AKAZE	0	0	0	0	0	0	0
ORB/AKAZE	0	0	0	0	0	0	0
SIFT/ORB	0	0	0	0	0	0	0
SIFT/AKAZE	0	0	0	0	0	0	0
SIFT/SIFT	37579	3467	443776	2208	263.52	264.06	1.68
SHITOMASI/FREAK	35664	2719	174016	1829	73	73.37	2.3
SIFT/FREAK	37579	3467	220800	1683	192.08	192.52	2.39
SHITOMASI/BRISK	35664	2719	174016	1775	31.14	31.53	2.67
FAST/BRISK	35534	3209	205376	2027	7.28	7.7	2.73
SIFT/BRIEF	37579	3467	110944	1962	143.24	143.68	2.81
SIFT/BRISK	37579	3467	221888	1697	153.27	153.77	3.31
SHITOMASI/BRIEF	35664	2719	87008	2251	29.31	29.68	3.38
AKAZE/FREAK	29377	3634	232576	2672	158.41	158.88	3.4
AKAZE/AKAZE	29377	3634	221674	2857	205.59	206.09	3.61
SHITOMASI/ORB	35664	2719	87008	2144	30.37	30.72	3.78
AKAZE/ORB	29377	3634	116288	2665	124.22	124.67	3.86
AKAZE/BRISK	29377	3634	232576	2697	120.58	121.12	4
AKAZE/BRIEF	29377	3634	116288	2854	114.33	114.76	4.06
SHITOMASI/SIFT	35664	2719	348032	2201	55.72	56.12	4.13
AKAZE/SIFT	29377	3634	465152	2935	148.6	149.17	4.16
FAST/ORB	35534	3209	102688	2418	5.43	5.79	4.41
FAST/BRIEF	35534	3209	102688	2488	4.58	4.96	4.57
HARRIS/ORB	3588	432	13824	306	28.46	28.63	4.7
BRISK/SIFT	56687	5840	747520	3600	108.02	109.04	6.32
FAST/FREAK	35534	3209	205376	2029	48.5	48.96	6.61
BRISK/FREAK	56687	5840	344128	3362	108.19	108.91	7.75
BRISK/BRIEF	56687	5840	186880	3703	67.6	68.36	8.96
BRISK/ORB	56687	5840	186880	3414	81.56	82.3	9.2
FAST/SIFT	35534	3209	410752	2387	33.36	33.83	10.22
BRISK/BRISK	56687	5840	373760	3544	70.15	71	12.49

HARRIS/BRISK	3588	432	27648	269	28.27	28.41	21.64
HARRIS/SIFT	3588	432	55296	326	53.07	53.23	22.66
HARRIS/BRIEF	3588	432	13824	335	27.14	27.32	22.84
HARRIS/FREAK	3588	432	27648	275	70.06	70.24	30.95
ORB/ORB	9500	1925	61600	1313	33.7	33.99	31.28
ORB/BRIEF	9500	1925	61600	927	14.93	15.23	43.11
ORB/SIFT	9500	1925	246400	1369	71.48	71.8	131.67
ORB/FREAK	9500	1925	69312	802	58.48	58.73	167.9
ORB/BRISK	9500	1925	116032	1331	16.55	16.85	213.41