

Core	Job description	Used APIs	Run Time
CPU	Diff of these two frames	cv::cvtColor, cv::absdiff, cv::threshold	$2.98 \pm 0.21ms$
	Wise multiple	cv::mul	$0.01 \pm 0.08ms$
	ORB Feature Points Extraction	cv::OrbFeatureDetector	$23.97 \pm 1.68ms$
	Sparse Optical flow calculation	cv::calcOpticalFlowPyrLK	$15.15 \pm 2.53ms$
GPU	Diff of these two frames	gpu::cvtColor, gpu::absdiff, gpu::threshold	$5.08 \pm 0.05ms$
	Wise multiple	cv::mul	$1.01 \pm 0.08ms$
	ORB Feature Points Extraction	gpu::ORB_GPU	$19.64 \pm 1.13ms$
	Sparse Optical flow calculation	gpu::opticalFlowPyrLK.sparse	$12.10 \pm 1.13ms$