

Table 1: Performance by different input resolution With ‘InceptionV2 cut4a’ optimized model.

Input Resolution (# pixels)	mAP	AVE	FPS
800×450 (360,000)	86.5	3.126	2.4
600×360 (201,600)	85.4	3.4425	4.2
533×300 (159,900)	85.2	3.5824	5.3
400×255 (90,000)	82.8	3.7238	7.3