

Traffic Signs Perception

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[Yong Hu](#)

Datasets

Dataset	#Frames	Size	#Instances	#Sub instances	Figure format	Label
Lisa	14,386	1280x960	21,421	{goForward:0, warningLeft:291, warning:834, stop:15356, stopLeft:6987, go:14085, goLeft:865}	MPEG-2, JPEG, JSEQ, RTMaps	Filename;Up X;Upper Y;Lower X;Lower Y;Original number track f
Ucar	> 4565	multi-scale	*	NULL	png	FileName y2):co

Goal

Recognize traffic lights in different colors and shapes. More details in our [project page](#).

Methodology

Based on our refined Tensorbox model, train a classifier on Lisa TL dataset on CNN features produced by Tensorbox.

Progress

- Traffic Light Recognition With Tensorbox (2016/11/01--) [[wiki](#) | [code](#)]
- Traffic Light Recognition With Image Processing (2016/10/16-2016/10/30) [[wiki](#) | [code](#)]
- Traffic Light Recognition By Pixel Level Classification (2016/10/01-2016/10/15) [[wiki](#) | [code](#)]

