Performance Evaluation 1

* Criteria

Find examples where the TTC estimate of the Lidar sensor does not seem plausible. Describe your observations and provide a sound argumentation why you think this happened.

* Solution

Ex.1:

Detector : FAST

Descriptor : BRIEF

Case : The LIDAR TTC starts with time about 12 secs in the first 2 frame, in the 3rd frame it jumps to 14 secs and then jump to 16 secs in the 4th frame, however the time should be decreased by time as the preceding is getting closer.

Argumentation : The ego car is moving slowly from the second to the fifth frame

Ex.2:

Detector : SHITOMASI

Descriptor : BRISK

Case : The LIDAR TTC drops from 12 to 8 secs in the 12th frame

Argumentation : I dont know