Component Technical Specification

Traffic Sign Recognition

v 1.2

2017-04-11

Revision history

Version	Description	Date
1.2	Minor changes, list of signs removed.	2017-04-11
1.1	Document formatting	2017-04-11
1.0	Initial draft version	2017-02-07

Functional description – Traffic Sign Recognition

The Traffic Sign Recognition (TSR) is responsible for notifying the driver about the actual limitation according to the traffic signs.

The TSR shall provide information (that should be visible on the Instrument Cluster) about the supplemental signs below the traffic signs, if applicable.

The TSR application rely on the object list detected by the Camera. TSR shall filter out non relevant signs (based on driving situation; e.g. steering angle, vehicle dynamics).

The TSR function should be enabled/disabled by the corresponding buttons of the HMI. By default the feature should be enabled (activated).

If enabled, speed limit detected by TSR may overwrite the set speed of ACC, therefore TSR shall send this information to ACC.