



LIDAR Received

MTTprocessed

Get next id

Search for existing ids in Candidates Vector

Not Found

Found

No

Object width [0.15 ; 0.75] ?

Yes

Create New Candidate:

- id
- distance to LIDAR straight line
- candidate right world coordinate
- candidate left world coordinate
- candidate right image point
- candidate left image point
- image
- classification

Refresh Known Candidate:

- distance to LIDAR straight line
- candidate right world coordinate
- candidate left world coordinate

velocity \neq 0 and Classification Non-Pedestrian

No

Yes

Classification: Unknown

No

width > 1m

Yes

Mark for deletion