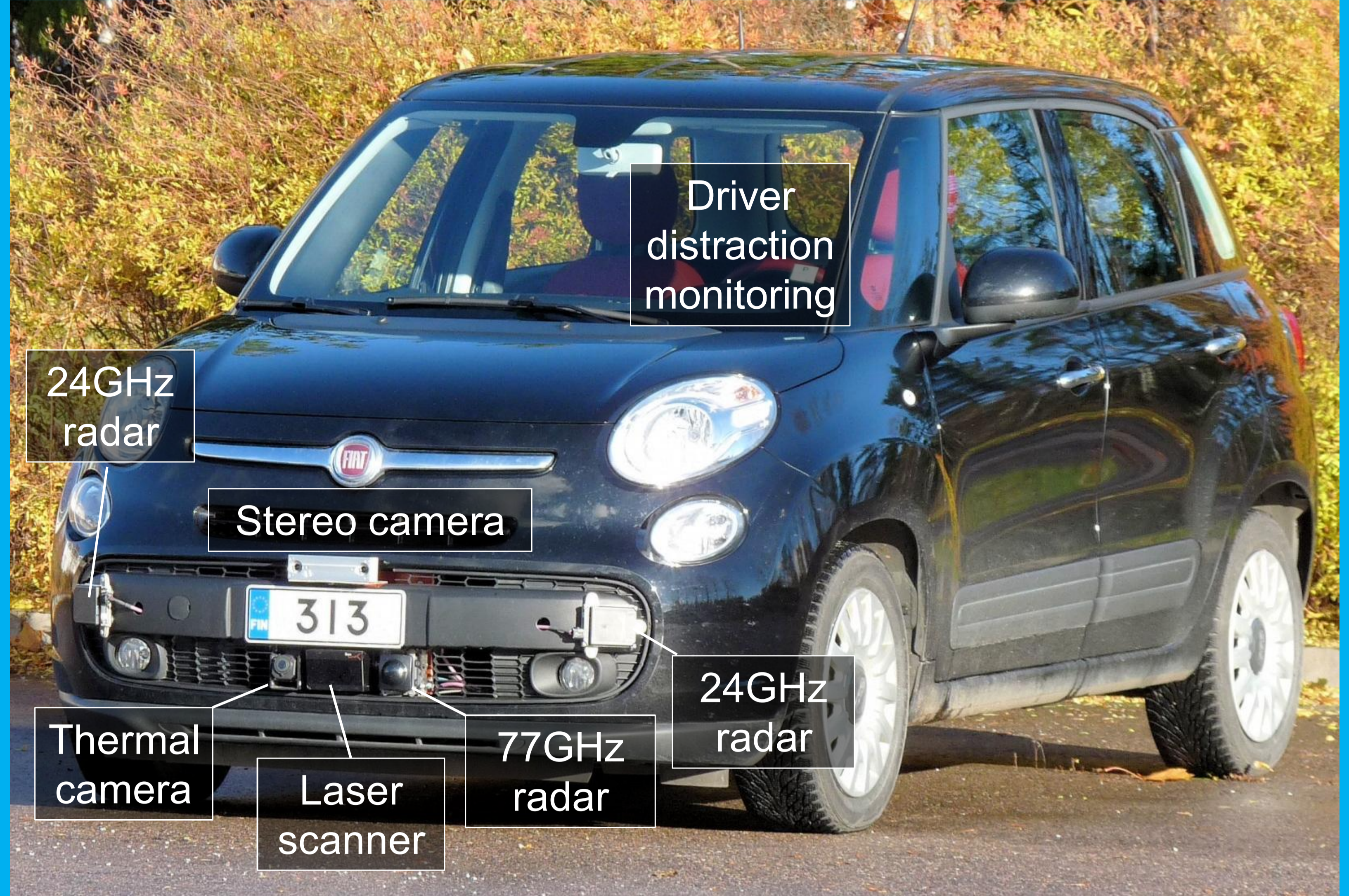


VTT test vehicle: Fiat 500L

Current functions

- Blind spot detection (VRU Safety)
- Driver distraction warning
- Low speed collision avoidance

Also EU projects **CoMoSef**, **DESERVE**, **VRUITS**, and **TEAM** utilised the vehicle in co-operative function tests.

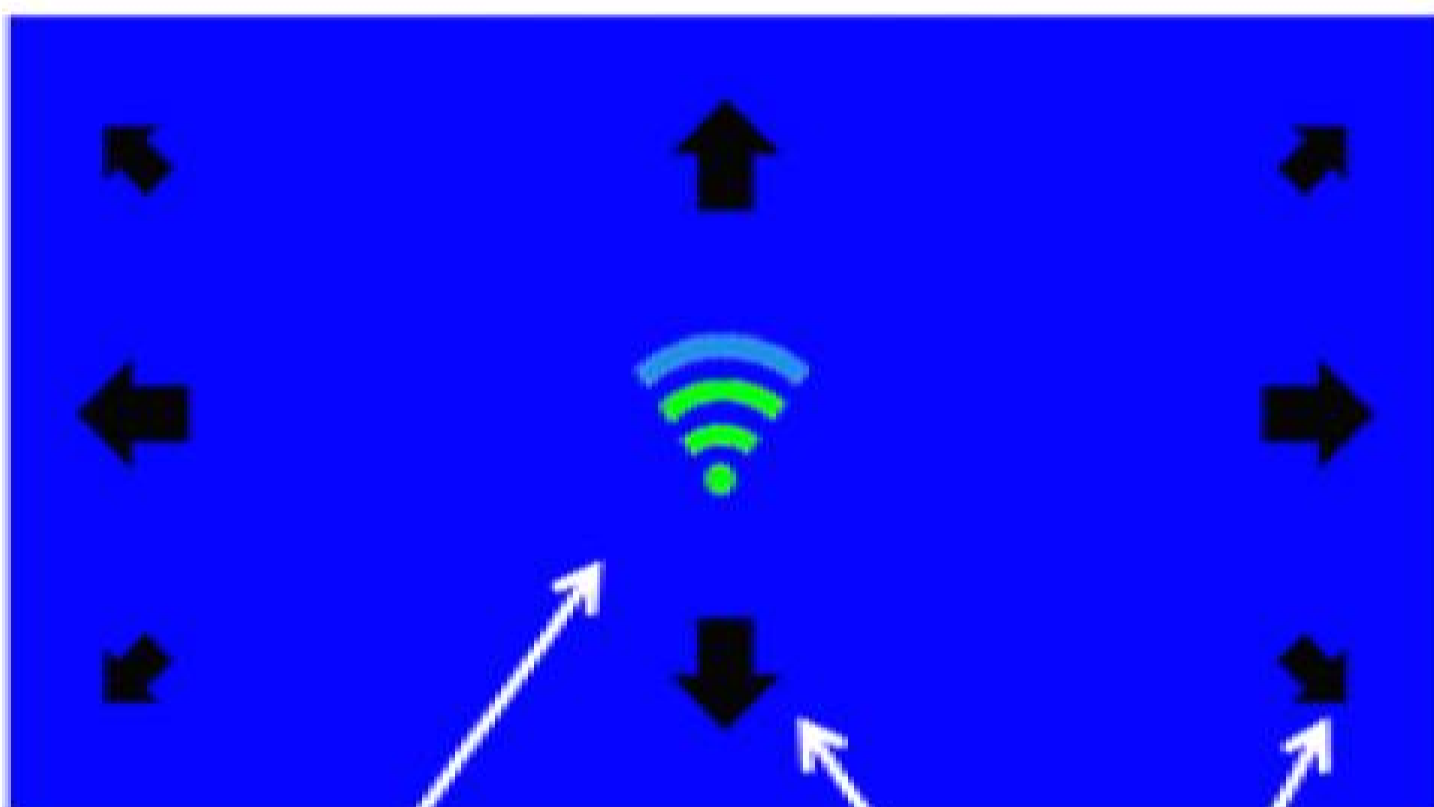


Vision:

Develop a sensor platform for automated and autonomous driving, that overcomes the limitations of existing sensors and provides enhanced sensing capabilities

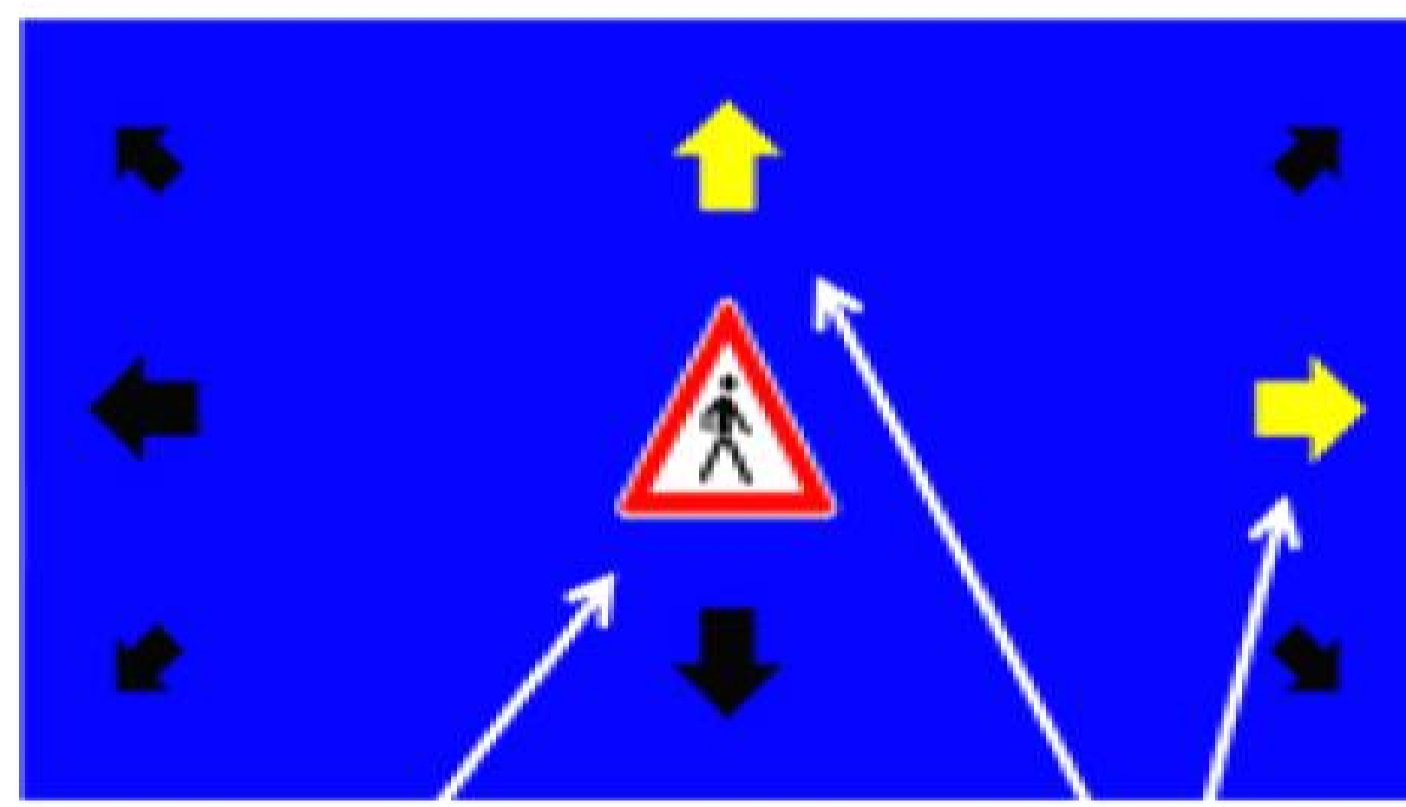
HMI

No pedestrians nor obstacles



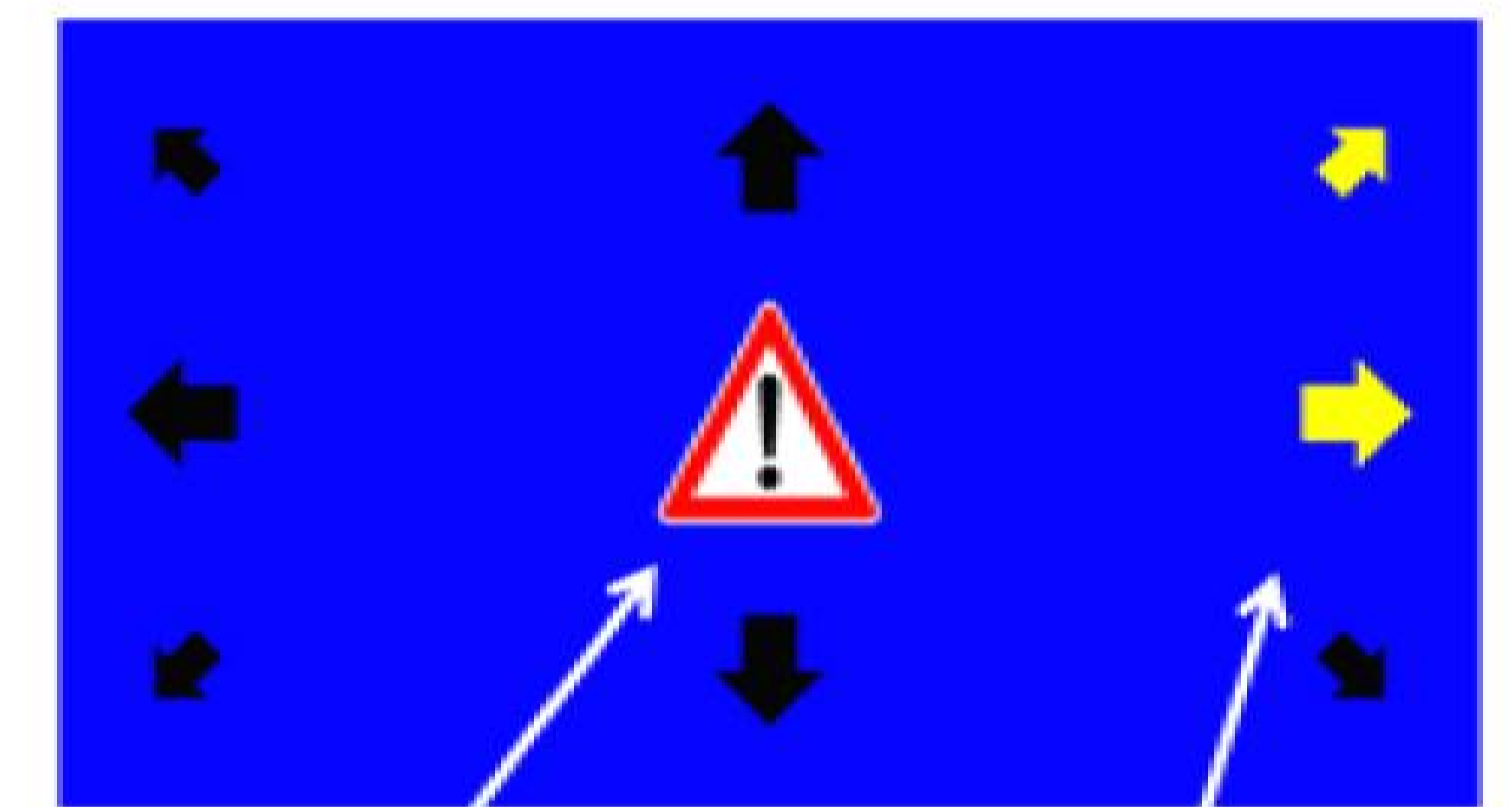
Perception working OK
All obstacle arrows OFF

Pedestrian(s) and obstacle(s)



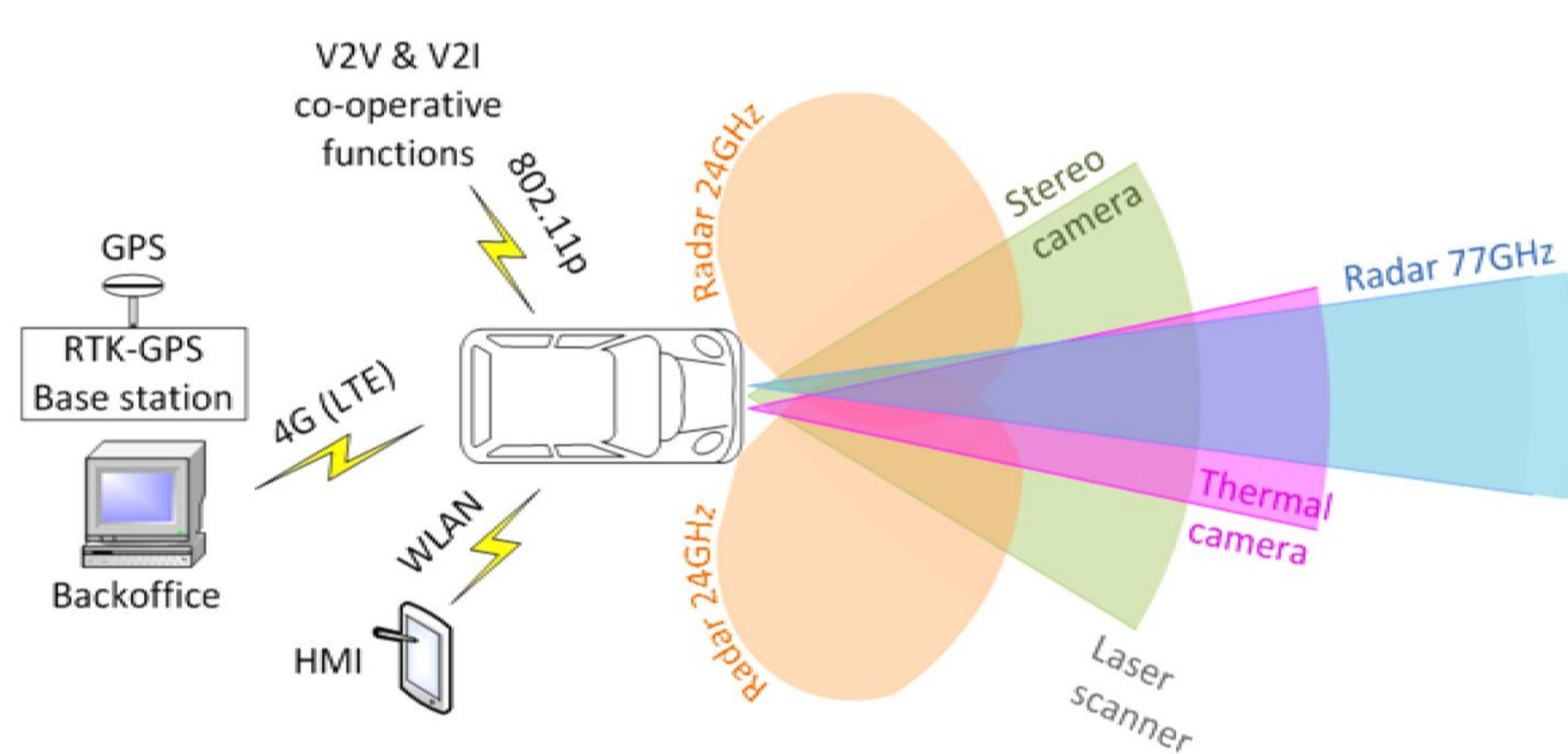
Pedestrian warning
Relevant arrow(s) ON

Only obstacle(s)



General warning
Relevant arrow(s) ON

Devices



Environment perception:

- 1 Bosch LLR2 (16°/4°, 200 m)
- 1 IBEO Lux Lidar (110°/3.2°, 200 m)
- 1 FLIR PathFinder 320x240 (24°/18°)
- 1 Vislab 3DV-E29 640x480 (72°/54°, 65 m)
- 2 Continental SRR 208-2 (150°/12°, 50 m)

Driver monitoring:

- 2 full-HD autofocus cameras

Driver HMI:

- Display

DAIMLER

AVL

BOSCH

CTAG

CRF

eict

VTT

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FZI

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on your wavelength

Fraunhofer
FOKUS

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Inspired by optics

SICK
Sensor Intelligence.

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