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HRR – Evaluation Kit – Beta

Car Radar Specification

Field of View (FOV) – Azimuth – 100°
Elevation – 30°

Detection Range (sensitivity) –

Short
Max Range – 38.4 m
Range Resolution – 30 cm

Mid
Max Range – 153.6 m
Range Resolution – 1.2 m

Long
Max Range – 256 m
Range Resolution – 2 m

Azimuth Resolution (Beam Width – 3 dB) – 1.25°

Elevation Resolution (Beam Width – 3 dB) – 4.5°

Doppler Resolution – 0.1 m/sec

Frame Rate – 3-7 FPS

Max. Number of Detected Objects Per Frame – 128

Interface – Ethernet 1 Gbit

Frequency – 78-79 Ghz

Max Bandwidth – 500 Mhz

Antennas – 48x48

Evaluation Kit

- DSP and SLAM software
- 4D point cloud
- Available Jan 2019

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