

DOLPHIN CONNECT RADAR

The Dolphin millimeter-wave radar is an advanced technology that uses radio waves to detect and locate objects and individuals at both long and short distances.

This technology functions as a driver assistance system, providing vital information about the surrounding environment of the vehicle, enhancing the driving experience.



DEVICE FEATURES:



High Range of Target Detection

The Dolphin radar detects vehicles up to a maximum distance of 120 meters and pedestrians up to 60 meters away.



Speeding Vehicle Detection

The radar can detect targets and objects moving at relative speeds of up to 160 km/h and track them.



High Resolution in Targeting

This radar can distinguish between two objects with a minimum distance of 70 centimeters from each other and recognize them as separate entities.



Wide Coverage Area

The Dolphin Connect Radar, by covering the surrounding environment up to 70 degrees, not only detects objects directly ahead but also identifies nearby objects, preventing potential damage.

TECHNICAL SPECIFICATIONS

Parameter	SRR	LRR
Range Resolution	0.1 m	0.7 m
Velocity Resolution	2 km/h	0.9 km/h
Maximum Range (Vehicle)	30 m	120 m
Maximum Range (Pedestrian)	15 m	60 m
Maximum Relative Velocity	40 km/h	160 km/h
Azimuth FoV	70°	22°
Azimuth Angle Resolution	14°	28°
Update Time	100 ms Total	100 ms Total

