AINSTEIN

GENIUS IN RADAR

T-79

CORNER RADAR

MID-RANGE: 0.3-110m

PRODUCT OVERVIEW

The T-79 Corner Radar provides excellent blind-spot, lane-changing, and cross-traffic detections. With its low-cost and durability, the T-79 is Ainstein's top choice for those seeking 360-degree coverage.

APPLICATIONS

- Blind Spot Detection
- Cross-Traffic Detection
- Safety Assist
- Rear Collision Warning
- Collision Avoidance
- Obstacle Detection
- Autonomous Vehicles
- Lane Change Assist

WIDE FIELD OF VIEW

With a wide field of view the T-79 provides situational awareness and enhances safety by detecting objects across a broad area.

BLIND SPOT DETECTION

The T-79 provides excellent blind spot detection by identifying objects in hidden areas and alerting drivers to potential collisions.

ALL-WEATHER & ENVIRONMENTS

Ainstein's radar-based vehicle sensors ensure the utmost reliability regardless of weather, lighting or environment. The ruggedized housing ensures performance in any conditions.

AINSTEIN VEHICLE

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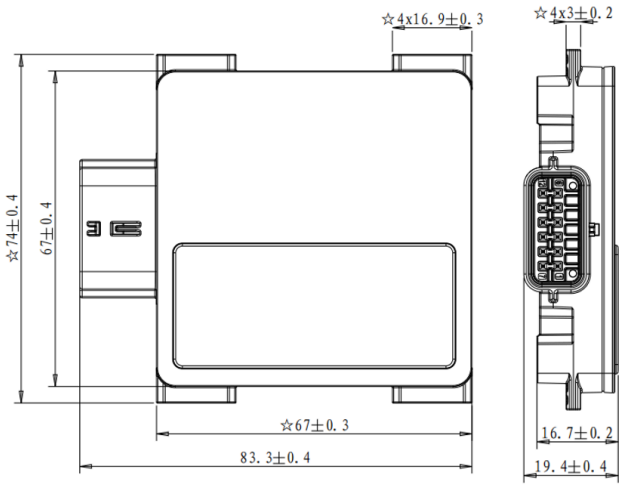
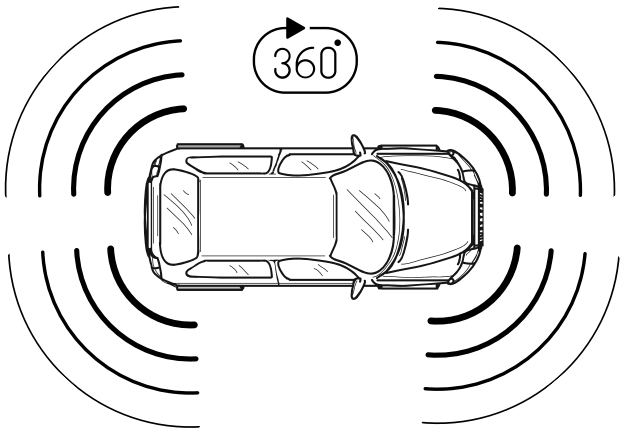
T-79
PRODUCT SPECIFICATIONS

Frequency	76 - 79 GHz
Power Consumption	< 5 W
Operating Voltage	9 - 16 V
Operating Temperature	-40° C - +85° C
Ingress Protection	IP 67 / IP 69K
Detection Range	0.3 m - 110 m
Range Accuracy	±0.1 m
Range Resolution	0.3 m
Unambiguous Velocity	-280 kph - +280 kph
Velocity Accuracy	±0.36 kph
Velocity Resolution	0.45 kph
Azimuth Field of View	-75° - +75°
Azimuth Angle Accuracy	±0.5°
Azimuth Angle Resolution	6°
Elevation Field of View	-12° - +12°
Elevation Angle Accuracy	±1°
Cycle Time	50 ms
Max. # of Output Targets	32
Radar Interface	1xCAN-FD (optional: 2xCAN-FD)
Dimension	67 mm x 67 mm x 16.7 mm (main housing)





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