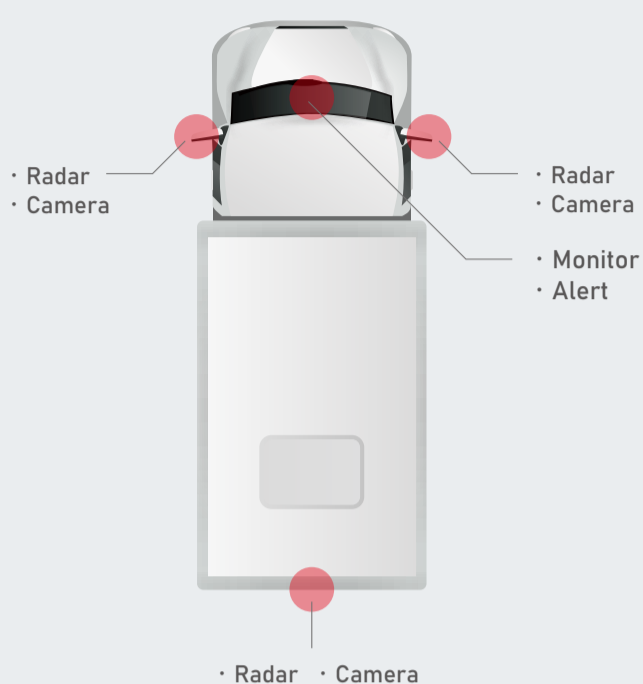




R101

Millimeter wave technology

Blind Spot Detection Radar



Radar & Alert



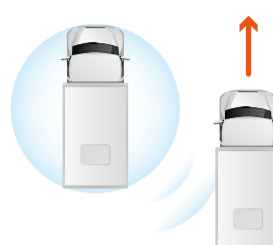
Camera



Monitor

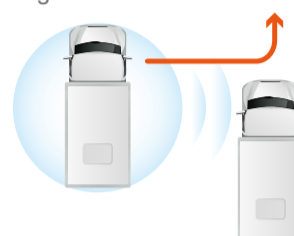
◆ Blind spot detection

Vehicle pass through Rear right/left BSD region, LED lights on to remind driver.



◆ Lane change alert

When turn signal is on, Vehicle pass through same side LCA region, Buzzer will be activated. And, LED light is flashing.



◆ Rear Cross Traffic Alert

When car in reverse gear, Vehicle pass through RCTA region, Buzzer will be activated. And, LED light is flashing.



◆ Door Open Warning

When car is parked and ACC is still on, hand brake is applied, DOW function will be activated for 2 mins .



Technical Specification

Functions	Radar for BSD / LCA / RCTA / DOW Car / Motorcycles / Pedestrian are main concerned
Radar type	FMCW
Operational Frequency	77 / 79 (Dual Mode simultaneously)
Equivalent isotopically radiated power	less than 30dbm
Beam width	horizontal: 120 degrees @-10dB Vertical: 40 degrees @ -10dB
Detection Range	80m
Range resolution	0.4m / 0.1m (dual Mode)
Range accuracy	0.1m
Velocity range	100km/hr
Velocity resolution	0.25m/sec
Velocity accuracy	0.25m/sec
Angle Range	120 degrees (<30m);30degrees (>30m)
Angle resolution	15 degrees
Angle accuracy	1 degree
Track number	30
Frame rate	15Hz

