Nissan have announced their "Backup Collision Intervention (BCI)" system. When a car equipped with the BCI system is being reversed out of a parking space and another car is approaching it from the side, the BCI-equipped car stops to avoid a collision.

The lamp flashes in orange when there is an approaching vehicle.
The 24GHz radars installed on the right and left rear sides of a vehicle are used to detect a car approaching from the side. The detection range is 20m for each of the left and right sides and 2m for the rear.

When one of the radars detects a vehicle approaching from the side, the system alerts the driver with beeps and a blinking lamp and generates braking force for each of the wheels by using ESC (electronic stability control) to stop the driver's vehicle in two to three seconds.

Nissan equipped the Infiniti M luxury sedan, which was released in March 2010 in the US, with the Blind Spot Intervention (BSI) system, which helps a driver change lanes. Its detection range is 5m for each of the left and right sides and 6-7m for the rear side. It uses 24GHz sensors.

However, Nissan did not use the radar of the Infiniti M for the Fuga sedan released in the fall of 2009 in Japan because the radar uses UWB (ultra wide band) communication, which was not allowed in Japan. The company plan to develop a 24GHz radar that complies with Japanese laws by changing the band of the radar and use it in Japan. The 24GHz radar is manufactured by Valeo SA of France.