Around View Monitor

In the area of safety technology, Nissan pursues innovation as part of its “Safety Shield” concept, an advanced, proactive approach to safety issues based on the idea that cars should help protect people.

Using 4 separate cameras, the monitor displays an image of the vehicle from above. This helps the driver to visually confirm the vehicle’s relation to the lines around the parking space. With this, the driver can position the vehicle for parallel parking or park the car in a smart way with ease.

Features

The system has been designed to be easy-to-see, easy-to-use, and easy-to-understand.

**Easy-to-understand**

The birds-eye view makes it easy for the driver to position the vehicle for parallel parking. The front/rear view enables the driver to simultaneously confirm the front or rear of the vehicle. Information of the sonars, equipped on the vehicle corners for camera assistance, are shown on the display in an easy-to-understand way.

**Easy-to-use**

By displaying the rear view and front-side view simultaneously, the driver can easily confirm the two most worrisome areas; the rear and front assist side of the vehicle.

**Easy-to-see**

The super-wide angle/high resolution camera creates a clear image after conversion to show the virtual image.

System Configuration

The system converts image data taken by 4 super-wide angle cameras, to display a virtual image of the vehicle from above.

**Benefits of high resolution camera**

Image degradation due to conversion is controlled, and there is a significant difference in image definition when showing area around rear wheels.

**Image conversion to show virtual angle**

Camera footage is converted to show image from a virtual angle.