

Electronics Business



IMC

Based on our unique design, SNT Motiv has become the leader in mixed multimedia information system in mechanics, electronics, and IT. SNT Motiv's electronics business is divided into Vehicle Information Display, Vehicle Entertainment System, Driving/Parking Assistance System, and Body Control.

- Vehicle Information Display
- Vehicle Entertainment System
- Driving/Parking Assistance System
- Body Control

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Vehicle Information Display

Instrument Cluster

The instrument cluster displays the overall current condition of the vehicle, such as the speed, fuel amount, and engine status. SNT Motiv has an independent production system that manufactures instrument clusters equipped with CAN communication, stepper control and LED lights.



Instrument Cluster

IMC (Information Multimedia Cluster)

The IMC is a color LCD information cluster for large scale excavators. This system displays a variety of multimedia contents, smartphone mirroring connection, and an all-around view system to provide not only safety but entertainment for the driver.



SLI Module

SLI (Seatbelt Lock Indicator) Module

The SLI displays a warning light to let passengers know about unbuckled seatbelts or potential problems with the airbag. The SLI senses seatbelt use in all seats, including the back, and is applied in a diverse array of vehicles for safety.

HVAC (Heating, Ventilation, Air Conditioning) Switch

The HVAC Switch controls the car's internal temperature for comfort. The HVAC Switch considers the passengers' comfort, the vehicle's interior design, and function to create an optimal environment for all.



HVAC Switch

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Vehicle Entertainment System



RSE (Rear Seat Entertainment)

The RSE provides audio and video contents for passengers in the rear seat. It is comprised of two 7-inch monitors on the back of the front seats' headrests, a console box, and wireless Bluetooth headsets.



PDIM (Preferred Devices Interface Module)

The PDIM is an audio interface system that provides portable music player through the vehicle's sound system. The PDIM is connectable by input mode, USB, and iPods. The integrated audio system conveniently controls the various media devices.

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Driving/Parking Assistance System



SVSB (Surrounding Vision Screen Box)

The SVSB applies 5-inch LCD to the rear-view mirror. It is connected to the rear camera and side cameras, assisting the driver to drive and park as safety as possible.

AVS (All Around View System)

The AVS allows the driver to have a 360-degree view of their surroundings through a wide lens camera installed surrounding the vehicle. It is controlled through electronic devices and assists the driver to get a more accurate view when parking.

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RVC (Rear View Camera)

The RVC has a 1/4-inch color CMOS sensor that converts NTSC video signals to reduce visual noise for an optimal viewing experience. This camera system is functional in all weather conditions.



RVC

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Body Control

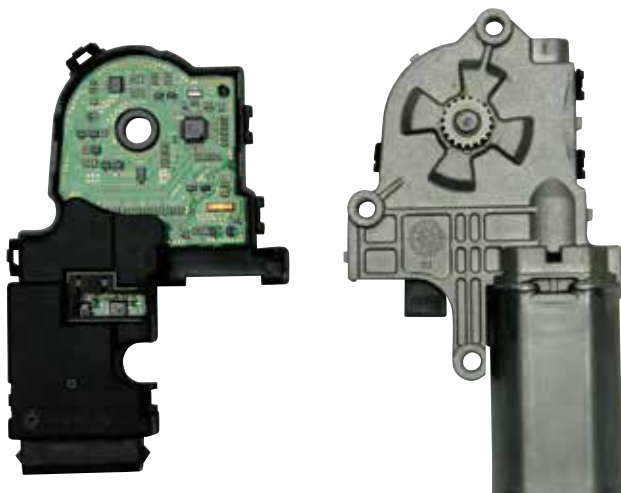


SDM (Airbag Sensing & Diagnostic Module)

The SDM controls the airbag to protect and minimize damages to the driver and passengers in case of a collision. The SDM is composed of a collision sensor, diagnostics system, and ignition system. This high-tech electronic control sets off the airbag by sensing signals emitted during a collision.

Sunroof Electronic Control Unit

This controls the sunroof to open and close. It uses the vehicular communication protocol Controller Area Network (CAN) or the Local Interconnect Network (LIN) communication control system.



Sunroof Electronic Control Unit