Intelligent camera
Rear Cross Traffic Alert system
Rear view value-added scheme

System functions
- For reversing screen display with reversing trajectory assistance grid line
- Intelligent rear cross traffic warning

System Features
(Activated by an independent camera module, no extra control units needed)
- Our backup camera comes with an advanced moving object detection system. When you are ready to reverse or at the time of reversing, with 180 degree ultra wide-angle, it is capable of detecting various moving objects within the blind spots of both sides (with 100% accuracy of pedestrian detection), and immediately triggers the warning. Therefore, the system effectively reduces backing accidents at the blind spots.
- High dynamic range (HDR) up to 125 dB, to overcome the high contrast to show a clear picture quality. Its high sensitivity feature allows the system to maintain a clear vision and genuine colour even when the surrounding of the car is dim.
- All parts in the Chimei-Motor Electronics's rear camera system fulfill 100% automobile regulations. In addition, the system is equipped with a high definition megapixel resolution camera for sharper images and finer details of vehicle surroundings and for a wider angle of view.
- Much clever alarm method for the risky objects that move close to the vehicle only, for the objects away from the vehicle will not trigger alert to avoid unnecessary warning.
- The algorithm overcomes the weather issue in general image recognition products (vision ADAS) may have, including rain, fog, low light, direct light, camera lens stained with a small part of foreign matter issue, etc.
- The intelligent camera is activated by an independent camera module, and easy to install. Available to directly output OSD interface screen to car display and any other monitor devices. There is no extra control units needed, and no modification to car body required.

Optional function
- Available to increase the dynamic reverse trajectory assistance grid line. (providing vehicle body, steering wheel rudder angle, and other CANBus informations is required)
- Available to add on lamp light blinking function. (need customized project to implement the system)
- Available to add on the alarm device.

Activated timing
When the gear is switched to Reverse position.

Installation
- Install the camera approximately in the center of the vehicle rear end.
- Please press down 25°~30° angle, at the height from the ground 60~110cm.
- Please press down 60° angle, at the height from the ground 2.5~3.5m.

Immediate warning when moving object close to the back of the vehicle.

Visual & Warning range

- Warning range
- Visual range