

# Rear View Detection System (RVDS)

## ■ Introduction



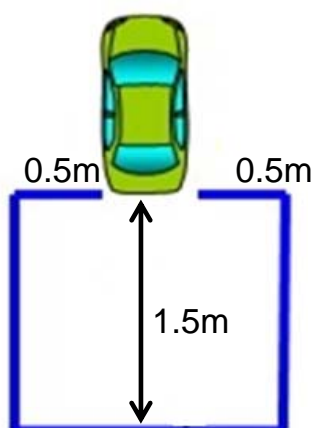
H.P.B. Rear View Detection System (RVDS) is using one highly integrated camera to detect moving objects and measure the object distance through real-time image processing algorithm. The RVDS module can detect multiple objects and display distance on the nearest one. With the integration of light pattern technology, H.P.B. improves the detection rate under low light environment and provides the best vehicle safety application.



## ■ Camera Features

- ◆ One camera provides video and distance measurement
- ◆ Enhance detection rate with light pattern
- ◆ Multi-Object tracking and distance displayed on the nearest one
- ◆ Vehicle Speed: < 7Km/ hr
- ◆ Detection Area: 30cm to 1.5m with lateral 1m in terms of vehicle width
- ◆ Object Minimum Height: 30cm
- ◆ Response Time: < 0.2 second
- ◆ Field of View: 140 degree (Optional)
- ◆ Support SD/HD/FHD

Visual Distance Detection



Detection Area



RVDS provides video and distance measurement



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