



## Introduction of License Plate Recognition Camera (Four-line Screen)



### Model: RPL-XPG

The core component of license plate recognition, this product uses the most advanced computer vision technology in the world to detect and identify high-speed vehicles in the video stream in real time, completely abandoning the external trigger and solving the maintenance cost problem.

The device adopts an embedded intelligent high-definition license plate recognition all-in-one product, which exclusively integrates license plate recognition, camera, front-end storage, and fill light. Based on the license plate automatic exposure control algorithm, the imaging is excellent.

It has the characteristics of excellent performance, multi-function, high adaptability, strong stability, etc. It is the best application form of the license plate recognition function of the parking lot management system.

- ◆ Extremely optimized embedded license plate recognition algorithm: the comprehensive recognition rate is higher than 99%;
- ◆ Video stream recognition optimization processing: to maximize the recognition accuracy;
- ◆ Excellent imaging automatic control: automatically track light changes, effectively suppress front light and backlight; suppress car headlights at night; fill light is controlled based on image analysis algorithm, avoiding the instability of traditional light based on photoresistor;
- ◆ Offline operation: pre-data storage function;
- ◆ Intelligent processing of vehicles without license plates: multi-trigger mechanisms ensure the normal traffic management of vehicles without license plates (or serious pollution, etc.);
- ◆ Product stability: excellent hardware architecture and stable algorithms.



## 1. License Plate Recognition

- ◆ Support license plate types: ordinary blue, black, yellow and other license plates.
- ◆ Adapt to vehicle speed: 0-150 km/h.
- ◆ Identifying features: number, color, type, width.
- ◆ Output results: vehicle feature image, license plate image, license plate number, color, type, passing time.

## 2. Imaging

- ◆ High-definition H.264, Mjpeg output; support output JPEG format snapshot.
- ◆ Support coil, video, 485, network and other triggering methods.
- ◆ Support intelligent automatic and manual white balance adjustment.
- ◆ Manual dimming, image-based light control.
- ◆ Exposure Control Based on License Plate Brightness.

## 3. Other diverse functions

- ◆ Support the working mode of continuous video capture and snapshot at the same time, and the imaging parameters of the two modes are independently controlled.
- ◆ Support OSD information overlay.
- ◆ It has the function of reporting working status in real time, including: working status, client connection status, etc.
- ◆ Support automatic network connection, plug and play.