

## SMART VIDEO MONITORING SYSTEM

Powered by ISS Technology



### License Plate Recognition.

Developed to simultaneously detect, capture and compare multiple car license plates in real time. LPR utilizes an algorithm to detect & capture car license plate letters & numbers. Once captured, the car license plate is compared to selected subject plate numbers for identification. Positive plate comparison results can trigger specified system processes. The LPR database synchronizes all image, video and event data.

Independent testing has confirmed the following key metrics of the LPR system:

- Allowable speed of movement of vehicles - up to 150 kph
- Recognition Accuracy
  - Daylight – greater than 95 %
  - Night with artificial illumination – greater than 95%
  - Night (at full darkness) - greater than 60 %.
- Width - not less than 3 m;
- Range - not less than 20 m.
- Allowable interval of movement of vehicles:
  - Behind the car - up to 3 m;
  - Behind trucks - up to 7 m.
  - On a vertical - no more than 30°; across - no more than 20°.
- Maximum simultaneous detection - 3 vehicles per detector
- Volume of vehicle information stored by the system - not less than 10000.
- Time of information search in database – 0.2 sec.

## INTELLIGENT FEATURE

### Module

License Plate Recognition

### References

Moscow, Safe City Project  
Taiwan Freeway Authority  
Dubai, UAE  
NJ Traffic Authority

### KEY FEATURES

- No Special Camera Required
- Multiple Camera Environment
- Specify Reaction to Positive
- Comparison
- Simultaneous Multiple Plate
- Detections Detection During Highspeed
- Movement
- Video Associated to License Plates
- Automate Plate Transmission
- Automatic Plate Comparison
- Real Time Video Data Recording
- Query a Remote Database
- Integrate Access Control & Other
- Devices
- Recognition at up to 150 kph

