



APPLICATIONS

- Real Time Traffic Light Control
- Automatic License Plate Recognition
- Traffic Incident Detector

REAL TIME TRAFFIC LIGHT CONTROL

Standard Traffic Light Control Systems:





REAL TIME TRAFFIC LIGHT CONTROL Traffic Light Control with Digital Image Processing: Image acquisition RGB to gray conversion Image enhancement Image matching using edge detection

AUTOMATIC LICENSE PLATE RECOGNITION

Traditional Entrance of Parking lots:





AUTOMATIC LICENSE PLATE RECOGNITION

Entrance of Parking lots with DIP System:

- Capture image
- RGB to gray conversion
- Plate region extraction
- Segmentation
- Character recognition
- Comparison with database



Normal Traffic Control Centre:



TRAFFIC INCIDENT DETECTOR Automated Traffic Surveillance Systems: Image: Comparison of the state of t





https://www.youtube.com/watch?v=rhr49IC41xw https://www.youtube.com/watch?v=pbcSNMUluhw



REFERENCES

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[3] Practical Design of an Automatic License Plate Recognition Using Image Processing Technique. (2014). *International Journal of Engineering and Innovative Technology (IJEIT)*, Volume 4(Issue 4).

[4] http://www.trafficvision.com/