

# IP MARKETPLACE

## CONNECTING INNOVATION TO YOUR BUSINESS

### TECH OFFER

## A VIDEO TEXT RECOGNITION SYSTEM



### ▶ MORE INFORMATION

#### MEGA-TREND

- Urbanization
- Mega Cities
- SMART Cities and SMART Infrastructure
- Innovative Technologies of the Future

#### TECHNOLOGY READINESS LEVEL (TRL)

- TRL 6 (Full system Pilot - simulation environment in lab)

#### PATENT/ GRANTED NUMBER

- MY-184702-A

### ▶ TECHNOLOGY OVERVIEW

The present invention discloses a video text recognition system. The system includes a fusion concept module receiving a raw video incorporated with text, improve the quality of low resolution video based on neighbor information of pixels in temporal information, a Ring Radius Transform (RRT) detects the text line from video, a text localization module separating text from background by using a bit plane concept, a semantic feature module establishing a spatial relationship between the pixels in different domain, such as gradient, color, Laplacian in new way; and a recognition module matches with a template stored in a template matching module.

### CONTACT US!

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