计算机应用 2009, 29(10) 2847-2848 DOI: ISSN: 1001-9081 CN: 51-1307/TP

本期目录 | 下期目录 | 过刊浏览 | 高级检索

[打印本页] [关闭]

典型应用

基于网格化监控的套牌车检测系统

卢晓春1,周欣2,蒋欣荣2,潘薇3,王峰2

- 1. 四川大学计算机学院;四川川大智胜软件股份有限公司
- 2. 四川大学
- 3. 四川大学计算机学院图像图形研究所

摘要: 针对目前套牌车泛滥的现状,提出了一种基于网格化监控的套牌车检测系统。该系统使用车牌识别技术, 采集经过监测点车辆的信息,如车牌、出现时间。按照一辆车不可能"同时"出现在两个地点的原理,自动完成套 牌检测。在车牌识别技术可靠的基础上,该系统的套牌检测率不低于99%。

关键词: 车辆检测 车牌识别 网格化监控 套牌 套牌判定

Fake plate detection system based on grid monitoring

Abstract: Concerning the wild increase of cars that use fake license plate, a fake plate detection system based on grid monitoring was presented. The system used license plate recognition technique to gather car information, such as license plate and the time it appeared. The system automatically detected fake plate with the rules that one car can t appear in two places at the same time. With a reliable license plate recognition technique, it can get a detection rate no less than 99%.

Keywords: vehicle detection license plate recognition grid monitoring fake plate fake plate judgement

收稿日期 2009-04-07 修回日期 2009-05-18 网络版发布日期 2009-10-28

DOI:

基金项目:

省部级基金

通讯作者: 周欣

作者简介:

作者Email: marige0@163.com

参考文献:

本刊中的类似文章

1. 汪勤 黄山 张洪斌 杨权 张建军.基于视频图像处理的交通事件检测系统[J]. 计算机应用, 2008,28(7): 1886-

扩展功能

本文信息

- ▶ Supporting info
- ▶ PDF(578KB)
- ▶ [HTML全文]
- ▶参考文献[PDF]
- ▶ 参考文献

服务与反馈

- ▶把本文推荐给朋友
- ▶加入我的书架
- ▶加入引用管理器
- ▶引用本文
- ▶ Email Alert
- ▶ 文章反馈
- ▶浏览反馈信息

本文关键词相关文章

- ▶ 车辆检测
- ▶ 车牌识别
- ▶ 网格化监控
- ▶套牌
- ▶套牌判定

本文作者相关文章

- ▶卢晓春
- ▶周欣
- ▶蒋欣荣
- ▶潘薇
- ▶王峰

PubMed

- Article by Lv, X.C
- Article by Zhou, x
- Article by Jiang, X.R
- Article by Pan,w
- Article by Yu,f

Copyright by 计算机应用