iSurveillance

Spring Semester Presentation 2011-2012

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Agenda

1. Introduction
2. System Modules
3. Demo - Simulated Example
4. Difficulty
5. Rooms for improvement
6. Conclusion
7. Q & A Section
I. Introduction

• Motivation

• Objective
Motivation

• The Importance of Safeguarding

iSurveillance
Motivation

• Deficiency of Current Systems
Motivation

• Deficiency of Current Systems
Motivation

• ViewLab
Objective

• Develop an Auxiliary tool for Security Guards
• To assist their daily jobs
• Make their jobs become easier
2. System Modules

- System Block Diagram
- TimeLine Module
- Video PlayBack Streaming Module
- Multiple-Cam Tracking Module
- Image Query Module
- ROI Module
- QR Code Check-in Module
Server Side

- IP Camera
- NAS
- Video Processing Server
- Web Server
- JSON

Server Side
Client Side

- TimeLine Module
- Video Playback/Streaming Module
- Multiple-Cam Tracking Module
- Image Query Module
- ROI Module
- QR Code Check-in Module
TimeLine Module
Video Playback
Streaming Module
Multiple-Cam Tracking Module
Multiple-Cam Tracking Module
Image Query Module
ROI Module

Your interested area is from [229.000000, 139.000000] to [657.000000, 415.000000]

Confirm

Cancel
QR Code Check-in Module
3. Demo

- Simulated Example
4. Difficulty

• RTSP is not officially supported by iOS
RTSP is not officially supported by iOS

• MotionJpeg Viewer
5. Rooms for improvement

• ROI Improvement
• QR Code Check-in Module
ROI Improvement

• Circle the suspect out, no need to draw a rectangle
ROI Improvement

- Multiple ROI
QR Code Check-in Module

- Intention only
- NFC
- GPS Location Based
6. Conclusion

• What we gain?
7. Q & A Section
The End