ABSTRACT

Remote Object Webcam Controller (ROWC) system is one of many visual surveillance that using web cam as source. This system composed two applications : Cam Processor and Cam Controller. Each application reside on separate computers in a LAN.

ROWC's system in the beginning only allows a single Cam Controller to view streaming video from a single Cam Processor. If a second Cam Controller tries to view video from a busy Cam Processor, it is denied access.

This thesis take improvement in accessing web cam that multiple Web Controller could access single web cam. From that improvement in ROWC system, we will get frame rate from each Web Controller that access Single Web Processor.

Keywords : Visual Surveillance, Cam Processor, Cam Controller, Frame rate