Team Project: A Surveillant Robot System

Functional Architecture

Little Red Team
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Functional Architecture

A Remote Computer
- P2P Cam Software
- GUI Commander
- Mode Checker

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Robot Main Controller
- P2P Cam Software
- Robot Controller
- Vision Recognition
- Web Cam
- IR Tower

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RCX™ Microcomputer
- 8-bit processor
- 32kb RAM
- A serial data communication port
- Operator
- Wandering
- Input port
- Output port
- Vision Command
- 2 Touch Sensors
- 2 Motors