

Signal Detection and Control of an Intelligent Robot

Fu-Cheng Wang, Hon-Min Lin, Pei-Kang Chen, Fu-Yui Chang and Kuang-Chao Fan

Abstract

This paper utilizes embedded systems to control an intelligent robot implemented with seven sensor networks. The work was carried out in two phases. The first step developed scanning circuits to feed the sensor signals back to the process systems. The second step installed seven motors and a voice circuit on the robot to respond to the sensor signals. From the results, the proposed embedded system was deemed effective.