

iNOVA-RBT-1004 iSoccer Robot System

Key Features

- **FIRA RoboWorld Cup 2011 World Champion**
- **Singapore Robotic Game 2011 Champion**
- High speed bi-directional robot
- Easy to use and robust computer vision system
- Excellence in motion control and path planning
- User programmable game strategy
- Code Development in Borland C++
- Champion-winning strategy provided as example
- Strong technical and after-sales support
- Training and spare parts provided



iSoccer Robot



Singapore Robotic Game 2011 Trophy



FIRA RoboWorld Cup 2011 Trophy

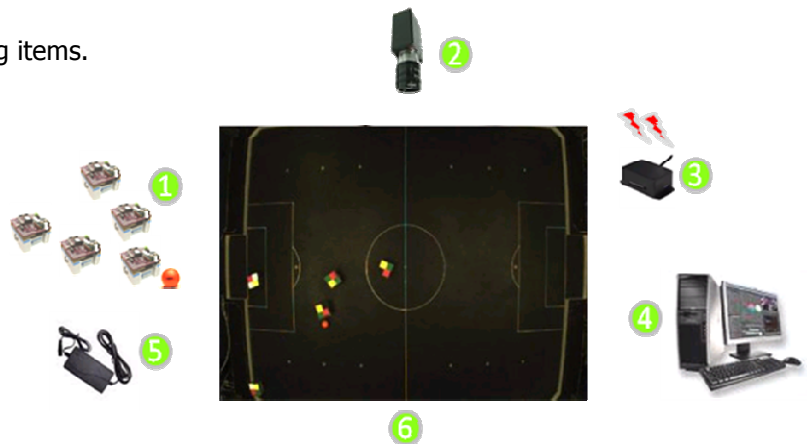
System Description

iSoccer Soccer Robot System is designed for FIRA RoboWorld Cup under MIROSOT category. This award-winning systems features proprietary locomotion algorithm and computer vision system. It is simple to setup and provides stable and robust performance under varying ambient environments. The strategy part of the program is open to user to develop their own game playing strategy. Own champion winning strategy will be provided as examples.

It is ideal for robot enthusiasts who are interested in taking part in the sports of robot soccer. It is also an ideal platform for programmer to test their program in real robot playing. Our strong technical support and after sales service will eliminate the hassle in hardware.

The complete system consists of the following items.
Purchase of individual items is possible.

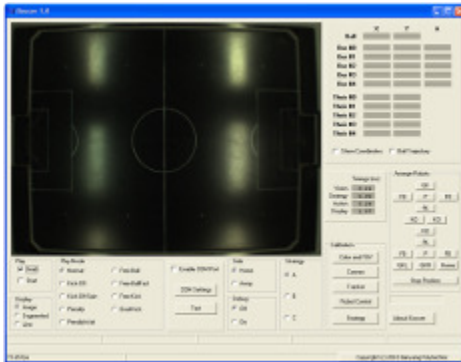
1. 5 x iSoccer Robot
2. 1 x FireWire Camera
3. 1 x RF Transmitter
4. 1 x Laptop with Software
5. 1 x Battery Charger
6. 1 x Competition Pitch



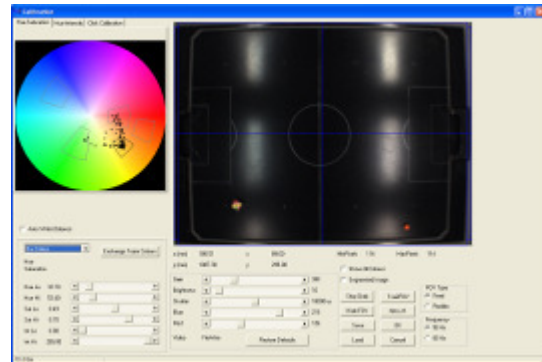
Robot Specification

Item	Specification
Power Consumption	2W (Without Motor)
Robot Max Speed	5 m/s
Acceleration	5 m/s/s
Battery	Li-poly 11.1V 480mAH
Dimension	75mmX75mmX47mm(LxWxH)
Weight	470g

Software Screenshots



Strategy Panel



Computer Vision Calibration Panel



iSoccer in Action (FIRA 2011)



iSoccer Champion Celebration

Ordering Information

Our Part No.	Description	Price
iNOVA-RBT-1004-PRO	iSoccer Robot System (Professional Edition)	-
Manufacturer: iNOVA Microsystems Pte Ltd #06-30, Northstar @ AMK 7030 Ang Mo Kio Ave 5 Singapore 569880 Tel: (65)65703826 Fax: (65)62344235 Email: sales@inovamicro.com		Authorized Sole Distributor: Worldwide: iNOVA Microsystems Pte Ltd