

		Number	Dimension		Memo
Field	Fields (green carpet)	2	22m x 15m	required	inside white lines : 18m x 12m : RC-1.1
	Boundary	2	22m x 15m with 50mm x 50mm beams	required	for preventing robots from going out : RC-1.2.1
	White Lines			required	specified in rules and regulations
	Goal (blue)	2	about 2m x 0.6m x 1m	required	RC-1.7, http://www.er.ams.eng.osaka-u.ac.jp/user/yasutake/RoboCup/ralcolors.jpg for color. 0.6m is the free space from the line from the front of the poles to the back of the goal
	Goal (yellow)	2	about 2m x 0.6m x 1m	required	RC-1.7, http://www.er.ams.eng.osaka-u.ac.jp/user/yasutake/RoboCup/ralcolors.jpg for color. 0.6m is the free space from the line from the front of the poles to the back of the goal
	Corner Pole (blue yellow blue)	4	0.5m x 0.5m x 1.0m	required	RC-1.5, http://www.er.ams.eng.osaka-u.ac.jp/user/yasutake/RoboCup/ralcolors.jpg for color
	Corner Pole (yellow blue yellow)	4	0.5m x 0.5m x 1.0m	required	RC-1.5, http://www.er.ams.eng.osaka-u.ac.jp/user/yasutake/RoboCup/ralcolors.jpg for color
	Ball	4		required	RC-2.1 Orange-Red FIFA 5 size ball, prescribed for playing with snow. for game. not for teams.
	PC with a display for referee box	2		required	Linux system is necessary
	Wireless Access Point for IEEE 802.11a	2		required	Separate from 802.11b/g Access point
	Wireless Access Point for IEEE 802.11b/g	2		required	Separate from 802.11a Access point
	Network HUB	2		required	no less than 12 ports
	Network cable AP <-> HUB	4	10m	required	length depends on arrangement
	Plugs for Power supply	50		required	2 for each team, some for Aps, referee boxes, and score boards
	Score board	2		required	for audiences
	Game clock	2		required	for audiences
	Table	22		required	one for each team and one for Aps and PCs
	Chair	50		required	
	Microphone	4		required	for audiences
	Amp/Speaker	2		required	for audiences
Separator	??		required	prevent audiences to enter a field	
Lights	??		required	at least 300 lux. Additional Indirect Sun light is preferable. No direct sun light. RC-1.0.2	