

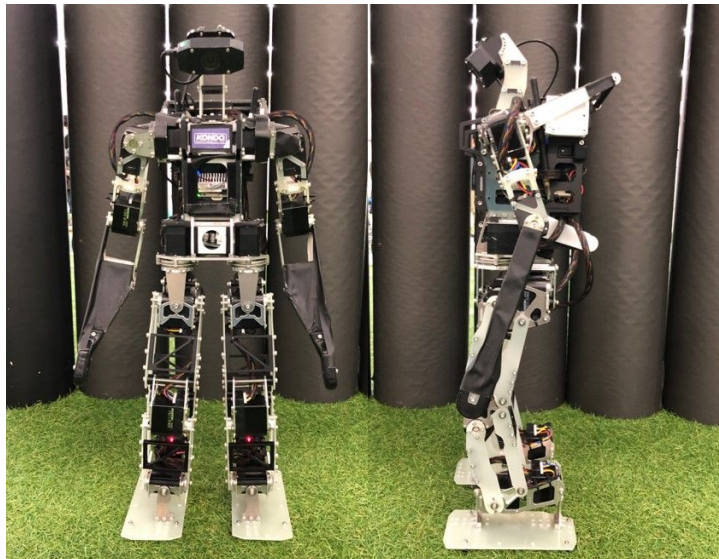
# CIT Brains 2020

## KidSize League Robot Data Sheet

Chiba Institute of Technology, 2-17-1 Tsudanuma, Narashino, Chiba, JAPAN

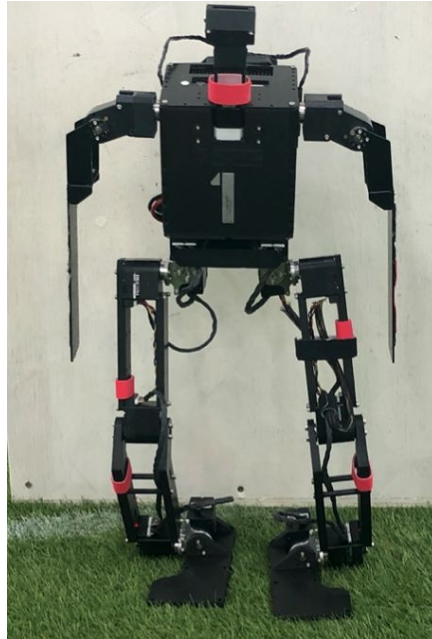
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Robot name:	<b>GankenKun</b>
Height:	<b>64 cm</b>
Weight:	<b>4.6 kg</b>
Walking speed:	<b>30 cm/s</b>
Degrees of freedom:	<b>19 DoF (3 per arm, 6 per leg and neck)</b>
Servo Motors:	<b>10 KONDO B3M-SC-1170-A 9 KONDO B3M-SC-1040-A</b>
Camera:	<b>KBCR-S02MU</b>
IMU:	<b>MPU-9250</b>
Computing unit:	<b>NVIDIA Jetson TX2</b>
Carrier board:	<b>Auvideo J120</b>
OS:	<b>Linux (Ubuntu 16.04)</b>
Battery:	<b>LiPo 3 Cells 2600 mAh</b>

3D CAD Model: <https://github.com/citbrains/OpenPlatform>



Robot name:	<b>Xevion</b>
Height:	<b>70 cm</b>
Weight:	<b>3.75 kg</b>
Walking speed:	<b>30 cm/s</b>
Degrees of freedom:	<b>17 DoF (2 per arm, 6 per leg and neck)</b>
Servo Motors:	<b>10 KONDO B3M-SC-1170-A 7 KONDO B3M-SC-1040-A</b>
Camera:	<b>KBCR-S02MU</b>
IMU:	<b>MPU-9250</b>
Computing unit:	<b>NVIDIA Jetson AGX Xavier</b>
OS:	<b>Linux (Ubuntu 18.04)</b>
Battery:	<b>LiPo 3 Cells 2600 mAh</b>