Robot Specification for Team TH-MOS

Picture of MOS2016(without shell which is in design)

Technical Data of MOS2015

<table>
<thead>
<tr>
<th>Name:</th>
<th>MOS2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Servos:</td>
<td>RX64 RX28</td>
</tr>
<tr>
<td>Torque[Kgf.cm]</td>
<td>64.4 28.3</td>
</tr>
<tr>
<td>Speed[sec/60 degree]</td>
<td>0.188 0.167</td>
</tr>
<tr>
<td>Computing Unit:</td>
<td>PC104 ARM LPC1768</td>
</tr>
</tbody>
</table>

Sensors:

Camera | Logitech C905
Resolution | 640×480
Color space | YUYV
Frame rate [fps] | 15
Accelerometer | 2 axes
Gyro | 2 axes
Digital Compass | 2 axes
Degree of freedom | 20
Weight [g] | 5220
Height [cm]: | 58.6
Walking Speed[m/s] | 0.20