



Name	SURIYA-1
Height	56 cm
arms maximally stretched	25 cm
Weight	3.1 kg
Walking speed	~ 0.3 m/s
Servo Motor	<p>Robotis Dynamixel Servos 21 EA.</p> <p>- Robotis Dynamixel RX-28:18 EA Torque : 37.7kg.cm (16.0V)</p> <p>- Robotis Dynamixel RX-64:3 EA. Torque : 64.0kg.cm (18.0V)</p>
Main Board	<p>- PICO820</p> <p>Intel® Atom™ Pico-ITX SBC with CRT/LVDS LCD, SATA, Gigabit Ethernet and SDIO</p> <p>Running speed of 1.6GHz</p> <p>OS: Window XP SP3</p>
Motor controller	<p>- ARM7 LPC2148</p> <p>Running speed of 60 MHZ</p>
Camera	<p>- Logitech Portable Webcam C905</p> <p>2 mpixel</p> <p>Carl zeiss</p> <p>Auto focus</p>
Sensor	<p>- Gyro Sensor</p> <p>CRS03-01S</p> <p>±100°/s</p> <p>Bandwidth 10Hz (-3dB)</p> <p>- Accelerometer MEMSIC 2125</p>
wireless	<p>- GW-USNano-G</p> <p>which is compatible with 150Mbps</p> <p>Software Access Point</p> <p>Size 14.5x7.0x22.5 mm.</p>
power supply	<p>- switching(LB120D-7600)</p> <p>DC/DC ATX power supply for automobile application, 6-32VDC input 6-36V option, +5V,+12V,+3.3V,-12V,+5VSB and PG (power good signal) outputs.</p> <p>- Lithium Polymer Battery 14.8 V. 2200 mAh</p>