Robot Specification

Robot Name: GRM-Strong
Height: 583mm
Weight: 4090g
Walking speed: 0.035m/s
Number of degrees of freedom: 20
Joint torques: RX64, 64.4kgf/cm, RX28: 28.8kgf/cm
Type of sensors used: Logitech Quickcam 5000, ADCL203accelerometer
Computing units: PC104 AMD lx800 500MHz
Source: Polymer Lithium Ion Batteries, special Power Module
Capacity: full-load operation25min
gait locomotion: Current planning, global motion
the control of motor: ARM+Real Time Operating System,
100MHz image acquisition:640*480,15f/s
the software of gait:MotionDebug4.3 support the wireless debug
memory:256M internal memory+4Gexternal storage
network: cortex-M3 LPC1768
operating system: Linux