MINIATURE HUMANOID ROBOT HOAP-2

HOAP-2: Compact•light weight real Humanoid Robot with 2 hands/2 foots that is easy handling. A neck, a waist and a hand become motion newly, smooth movement can be realized due to motor current control (except neck and hand) and the expression increased. It is easy connection with PC, so that it can have it use widely as research tool of Humanoid Robot. like motion control and communication with human being.

(*) HOAP : Humanoid for Open Architecture Platform



Features

- \blacklozenge It is the compact system configuration which consists of robot body,PC and power supplies.
- Only 50cm,7kg that can be handled by one person.
 - The motion control of the robot and development of application can be done easily.
- Since PC OS is adopted by RT-Linux(open C/C++language),software development is easily with open circumstance.
- \blacklozenge Due to the decrease in backlash of motor. Smoothmotion became stable.
- Smooth movement became realized because the electric current control of motor was possible(except neck and hand).
- Since USB interface for LAN internally is adopted, modification or additional of new actuator and sensors are easily done.
- ◆It allows easy to program and energize to use sample program which is packing with Robot when purchasing.

Specification



* The specification may change without a proir notice.

FUJITSU AUTOMATION LIMITED

- * 〒211-8588 4-1-1, Kamikodanaka, Nakahara-ku, Kawasaki TEL:+44-754-2940 FAX:+44-754-2943
- * URL http://jp.fujitsu.com/automation/en/services/humanoid-robot/hoap2/
- * E-mail fja-hoap@cs.jp.fujitsu.com