**Name:** Chongkho-I, Chongkho-II, Chongkho-III, Chongkho-IV  
**Height:** 37.2 CM  
**Weight:** 19.8 KG  
**Walking speed:** ~0.18m/s  
**Number of DOF:** 19  
**Actuators used:** Servo motor  
   * Manufacturer: ROBOTIS Dynamixel AX-12  
   * Torque: 16.5 KG-CM (@10.0V), KG-CM (@10.0V)  
   * Speed: 0.196sec/60°, sec/60°  
**Sensors used:**  
   **Camera**  
      * Manufacturer: Comedia Ltd.  
      * Specification: RS-232: 115.2K bps for transferring JPEG still pictures or 160x128 preview @8bpp with 0.75~6 fps  
   **Accelerometer**  
      * Manufacturer: Analog Device, ADXL335  
      * Specification: 3-Axis +/- 3g  
   **Rate Gyro (2X)**  
      * Manufacturer: InvenSense, Inc., IDG-500  
      * Specification: ±500º/sec(X-OUT/Y-OUT)  
   **Magnetic Compass**  
      * Manufacturer: Devantech, CMPS03  
      * Specification: representing 0-359.9 degrees.  
**Processing boards used:**  
   **Vision Board**  
      * Manufacturer: FriendlyARM ,ARM 9 Mini2440  
      * Processor: Samsung S3C2440A, frequency 400 MHz, the highest 533 MHz  
      * OS: Microsoft® Windows® CE 5.0  
   **Motor controller**  
      * Manufacturer: Atmel Corporation  
      * Processor: AVR ATMega 128, Speed: 16MHz