

AcYut Robot Specification IranOpen 2017

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Fig. 1. AcYut 8

- **Robot Name :** AcYut 8
- **Height of the Robot :** 88cm
- **Weight of the robot :** 5.9 kg
- **Walking speed in cm/s :** 22 cm/s
- **Number of degrees of freedom :** 18
- **Actuators :** Robotis Dynamixel MX 106, 64, 28
- **Camera :** iDS UI-1221LE-C-HQ (752x480 CMOS color)
- **IMU :** Pixhawk PX4FMU
- **Processor :** Intel i3 D34010WYKH
- **Batteries :** Lithium Polymer 14.8V 3300mAh
- **Wireless :** Wireless LAN (IEEE802.11a/b/g)



Fig. 2. AcYut 7

- **Robot Name :** AcYut 7
- **Height of the Robot :** 99cm
- **Weight of the robot :** 7.4 kg
- **Walking speed in cm/s :** 15 cm/s
- **Number of degrees of freedom :** 18
- **Actuators :** Robotis Dynamixel EX 106, MX 64
- **Camera :** iDS UI-1221LE-C-HQ (752x480 CMOS color)
- **IMU :** Pixhawk PX4FMU
- **Processor :** Intel i3 D34010WYKH
- **Batteries :** Lithium Polymer 14.8V 3300mAh
- **Wireless :** Wireless LAN (IEEE802.11a/b/g)