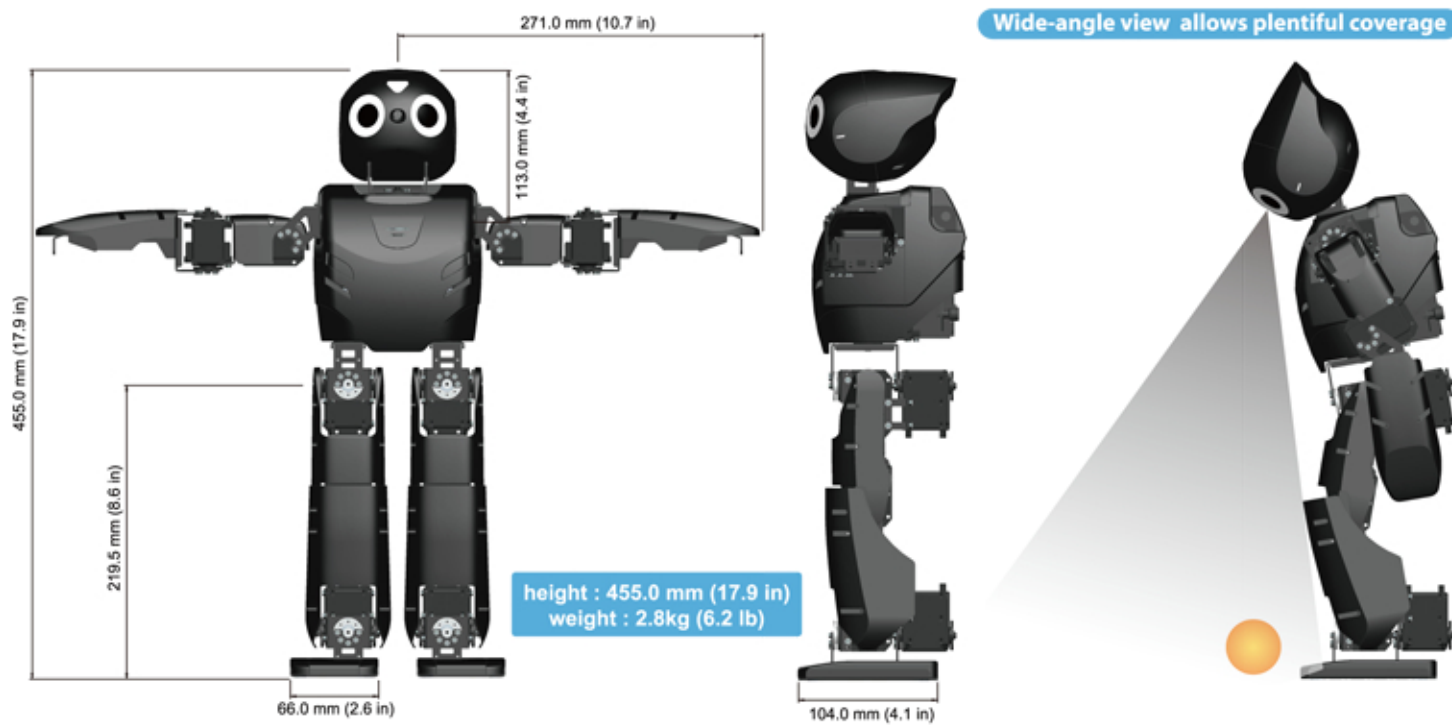




6. Dimensions and Weight



DYNAMIXEL

- Specialized robot all-in-one actuator for robotic applications
- High speed bus and simple wiring
- Various models, mechanical links, and accessories

Dynamixel applications



Dynamixel RX-28M for DARwin-OP

- Maxon RE-Max customized DC motor
- 193:1 reduction ratio
- Up to 4.5 Mbps Buffered TTL interface
- User programmable PID Gain
- Auto-adaptable feed forward Control
- Dynamixel 1.0 and 2.0 protocol
- Up to 4096 resolution non-contact feedback

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Open Platform Humanoid Project

DARwin-OP

DARwin-OP (Dynamic Anthropomorphic Robot with Intelligence-Open Platform) is an affordable, miniature-humanoid-robot platform with advanced computational power, sophisticated sensors, high payload capacity, and dynamic motion ability to enable many exciting research and education activities.



R&D Collaborators •



VirginiaTech

PURDUE
UNIVERSITY

Penn
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