



Svan M2

Four-legged Robot Platform



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Four-legged robot platform with 18 degrees of freedom

- **Custom QDD actuators** with 8:1 reduction
- **High torque to weight ratio**
- Actuated degrees of freedom: **12**
- Weight + payload: **13.5 kg + 3 kg**
- Hip torque: **11.92 Nm**, knee torque: **23.84 Nm**
- Onboard computer: **RPi 4B**, RAM: 8GB, storage: 32 GB
- IMU and joint encoders for proprioception
- Battery capacity: **240 Wh**
- **ROS-compatible** with an extensible software stack
- Push recovery via **active compliance**
- User-friendly API for motion programming
- Remote control/real-time telemetry
- Modular platform to meet all application needs

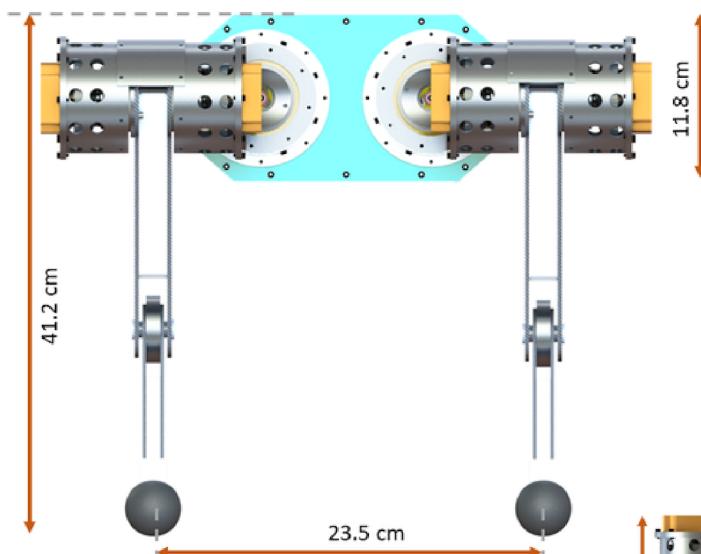
Applications in Research

- Study of legged locomotion
- Teleoperation and human-robot-interaction
- Robotic manipulation
- Swarm robotics... and much more

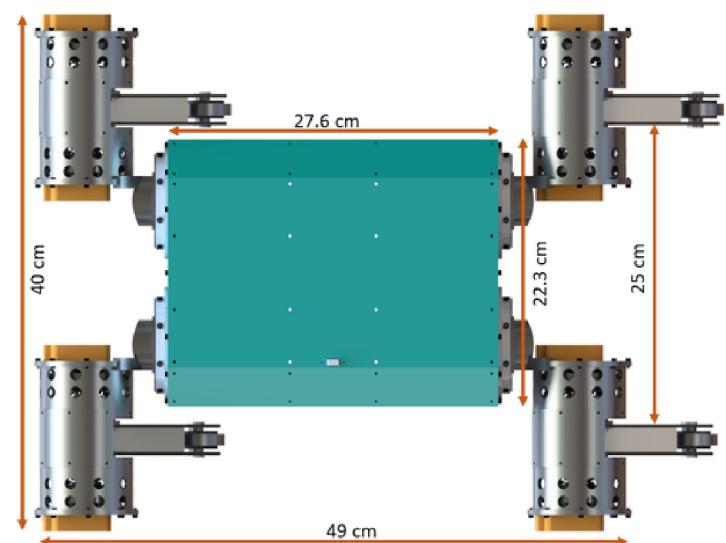


Dimensions

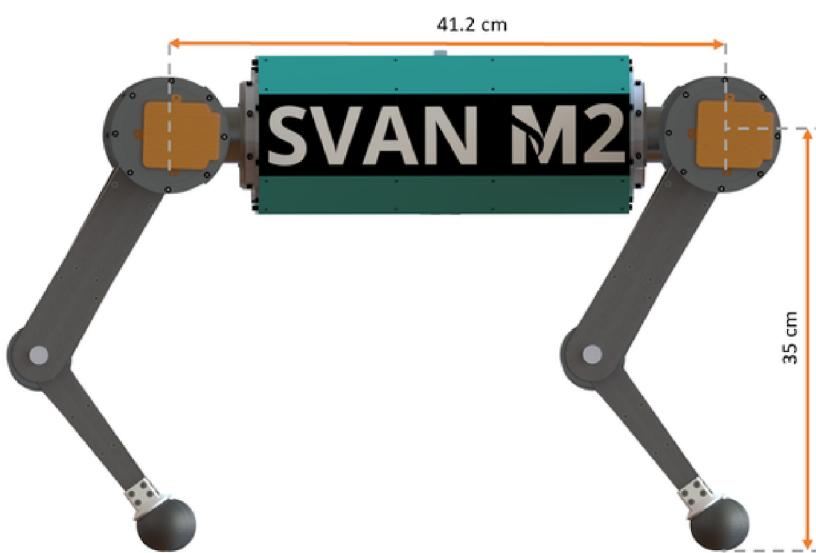
Front View

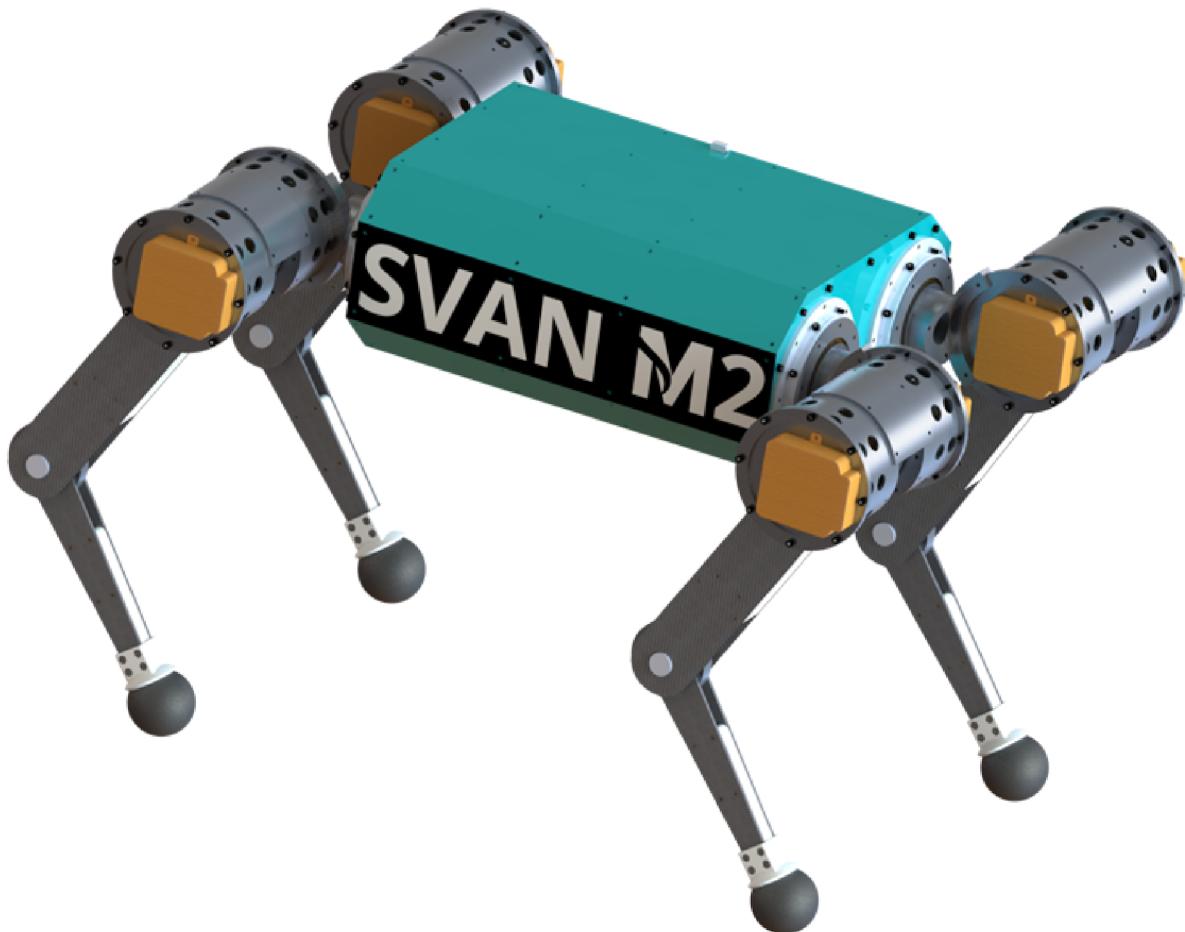


Top View



Side View





Contact Us

Reach out to our expert team to discuss how Svan can be configured to meet your requirements.

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