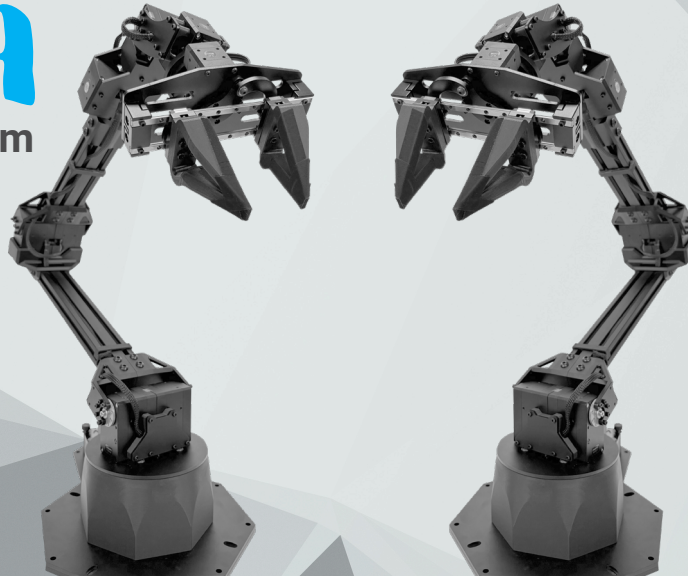


ALOHA

ViperX Follower Arm



FEATURES

6 Degrees of Freedom (DoF)

750mm Reach

1500mm Span

1mm Repeatability

5-8mm Accuracy

UPGRADED HAPTICS AND JOINTS

- New all-metal gripper linkages for long-term reliability
- Compression-proof bearings with no risk of over tightening or wearing out over thousands of hours of use
- Dual industrial-grade rails and carriages
- ViperX follower-arms have new, easily swappable 3D-printed fingers for future design iterations.
- New all-metal bracket joints

Easily Repairable

The X-Series arms are made for the lab, our arms are intended to be worked on and we've made it as easy as possible to keep your manipulator up and running. Quickly and easily swap out motors that need to be replaced, lengthen or shorten the arm to your needs. Everything you need to repair your platform is kept in stock, making it easy to keep your equipment up and running with minimal downtime.

POWERED BY INTERBOTIX

Aloha Kits are powered by our Interbotix Python library. Cut hundreds of lines of code down to a dozen or so, and take the guess work out of low level CAN programming by using our simple and intuitive modules.



[Learn More About Interbotix](#)

TrossenRobotics.com/ViperX-Aloha-Set

Interested in the Aloha ViperX Follower Arms? Contact our sales team: Sales@TrossenRobotics.com



ALOHA ViperX Follower Arm

SPECIFICATIONS

Degrees of Freedom	6 Degrees
Reach	750mm
Span	1500mm
Repeatability	1mm
Accuracy	5-8mm
Working Payload	750g
Interbotix	✓
Works with ROS 1/2	✓
Works with MoveIt	✓
Works with Gazebo	✓
Works with Python-ROS	✓
Servos	6X XM540-W270-T 2X XM430-W350-T
Communication Hub	DYNAMIXEL U2D2
Power Supply	12 Volt - 10 Amp
Aloha Gripper Kit	✓
Tools and Bolts	All Included
Wrist Rotate	Yes
Weight	4.75kg / 10.47lbs

ALOHA ViperX Follower Arm

TECHNICAL DRAWING

