AGILE·X Robotics

A lightweight 6-DoF teleoperation leader arm enabling real-time robot following by 6D pose mapping and IK-based motion control.

Left Arm

Right Arm

python™ C++ ROS 2™

Universal Master Arm

6-DoF Teleoperation Leader Arm

Teleoperation / Education / Research / Validation

Universal Master Arm



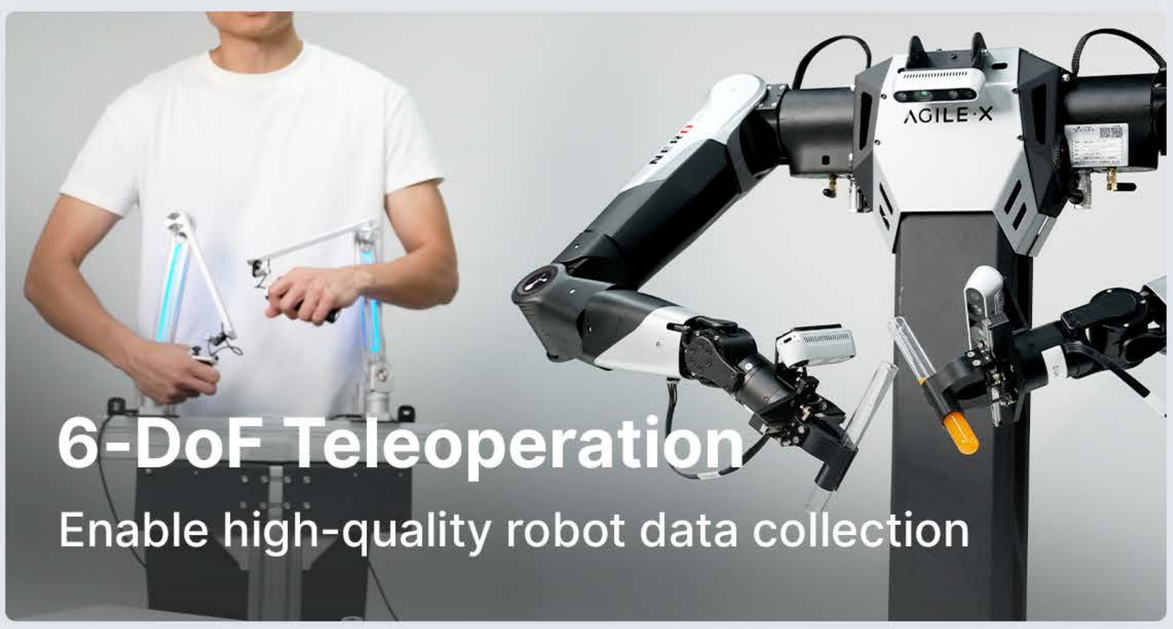
* Left/right arms are side-specific; cross-control is not supported.

DoF	6DoF	**Reach**	415mm	**Handle Range**	±180°
Weight	0.6kg	**Workspace**	505mm(Hemi.)	**Latency**	0.1ms
Dimension	260*110*145mm	**Voltage**	DC5V	**Encoder Res.**	16bit
Interface	Type-C	**Angular Acc.**	±1°	**Position Acc.**	±5mm

HIGHLIGHTS

Rapid Deployment & Low Cost

Ideal for secondary development & research

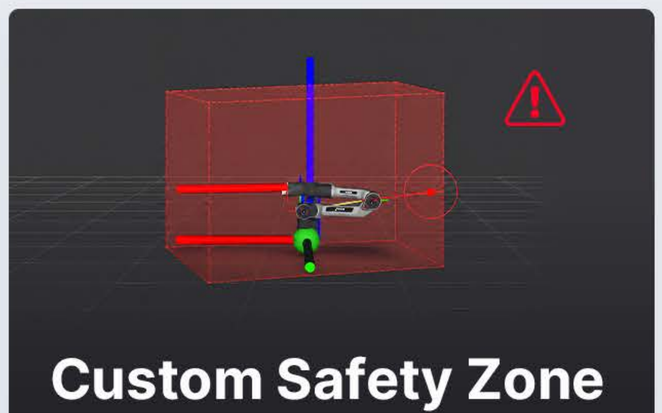


6-DoF Teleoperation

Enable high-quality robot data collection

0.6kg

Lightweight



Custom Safety Zone

PiPER NERO

Universal Compatibility



* Specs based on controlled-environment tests; actuals may vary. Images for reference only.