

Agility A2

Model Comparison

Quick Product Configuration Comparison

Configuration	Basic Research Platform	VR Teleoperation Version	Exoskeleton Teleoperation Version	Isomorphic Teleoperation Version	VR VLA Suite	Exoskeleton VLA Suite	Isomorphic VLA Suite	
Model	A2	A2-VR	A2-Exo	A2-Iso	A2-VLA	A2-Exo-VLA	A2-Iso-VLA	
Dual-Arm Robot System	✔ 1Set	✔ 1Set	✔ 1Set	✔ 2 Sets (Leader + Follower)	✔ 1Set	✔ 1Set	✔ 2 Sets (Leader + Follower)	
Control Computer	Basic Version i7 + 16G + 256G	512G High-Performance Version Ryzen7pro +16G+512G	512G High-Performance Version i7-10510U+16G + 512G	512G High-Performance Version i7-10510U + 16G + 512G	High-Computing Version Ryzen 9 Pro + 16G + 1TB	High-Computing Version Ryzen 9 Pro + 16G + 1TB	High-Computing Version Ryzen 9 Pro + 16G + 1TB	
VR Teleoperation	✗	✔ Meta Quest 3S	✗	✗	✔ Meta Quest 3S	✗	✗	
Exoskeleton Teleoperation	✗	✗	✔ ExoArm-7 Dual-Arm Exoskeleton	✗	✗	✔ ExoArm-7 Wearable Exoskeleton	✗	
Isomorphic Teleoperation	✗	✗	✗	✔ Leader Arm + Follower Arm	✗	✗	✔ Leader Arm + Follower Arm	
Vision System	✗	✗	✗	✗	✔ D435 Head Camera + D405 Wrist Cameras ×2	✔ D435 Head Camera + D405 Wrist Cameras ×2	✔ D435 Head Camera + D405 Wrist Cameras ×2	
VLA Software Environment	✗	✗	✗	✗	✔ OpenArmX-LeRobot VLA Environment Complete workflow for data collection, training, and inference	✔ OpenArmX-LeRobot VLA Environment Complete workflow for data collection, training, and inference	✔ OpenArmX-LeRobot VLA Environment Complete workflow for data collection, training, and inference	
Target Users	UNIVERSITIES & RESEARCH LABS;RAPID POC VALIDATION; ROBOTICS & INDUSTRIAL R&D TEAMS; TEACHING LABS, TRAINING & DEMONSTRATIONS; ROBOT PLATFORM EVALUATION							

Software Feature Comparison

Software Features	A2-RP	A2-VR	A2-Exo	A2-Iso	A2-VR-VLA	A2-Exo-VLA	A2-Iso-VLA	
Operating System	Ubuntu 22.04	Ubuntu 22.04	Ubuntu 22.04	Ubuntu 22.04	Ubuntu 22.04	Ubuntu 22.04	Ubuntu 22.04	
ROS Version	ROS2 Humble	ROS2 Humble	ROS2 Humble	ROS2 Humble	ROS2 Humble	ROS2 Humble	ROS2 Humble	
Movelt2	✓	✓	✓	✓	✓	✓	✓	
Gravity Compensation	✓	✓	✓	✓	✓	✓	✓	
Isaac Sim	✓	✓	✓	✓	✓	✓	✓	
MuJoCo	✓	✓	✓	✓	✓	✓	✓	
IK (Inverse kinematics)	✗	✓	✗	✗	✓	✗	✗	
VR Teleoperation	✗	✓	✗	✗	✓	✗	✗	
Exoskeleton Teleoperation	✗	✗	✓	✗	✗	✓	✗	
Isomorphic Teleoperation	✗	✗	✗	✓	✗	✗	✓	
LeRobot VLA	✗	✗	✗	✗	✓	✓	✓	
Motor Management GUI	✓	✓	✓	✓	✓	✓	✓	
Teaching & Playback	✓	✓	✓	✓	✓	✓	✓	
Open Source	✓	✓	✓	✓	✓	✓	✓	