

Easy Trainer Introduction

VerticAI LABS

For WHOM?

01

For those who want to explore robotics without the hassle of coding.



02

For anyone eager to get hands-on experience with Physical AI and robot learning.



03

For researchers looking to rapidly apply and test various learning models and techniques on robots.

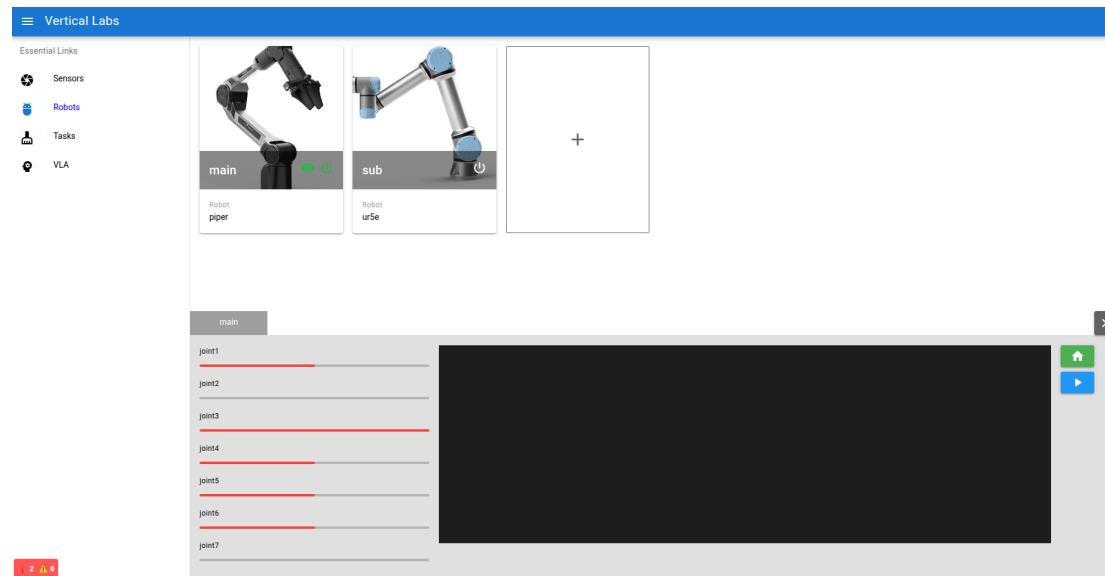


WHAT is Easy Trainer?

A **no-code learning tool for any robot** that enables non-experts to assign various tasks, like laundry and cleaning, to robots.

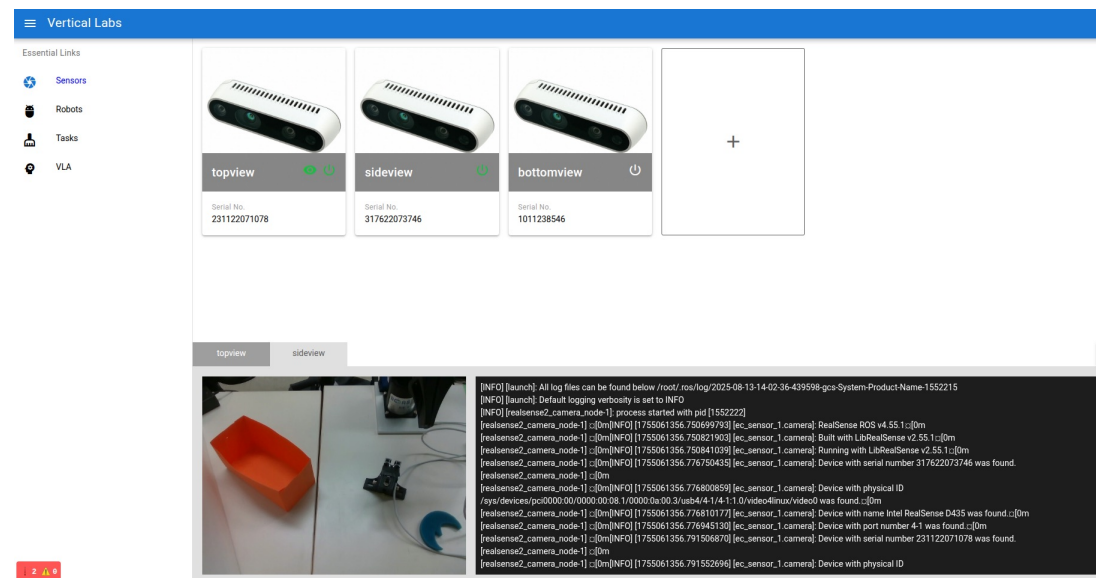
HOW? 1. Simplified Robot Operation

- Traditionally, operating a robot required installing specific modules and programming in the ROS language.
- With **Easy Trainer**, you can simply register the robot through a simple interface and then control its power and movement with a single click.



HOW? 2. Simplified Sensor Setup

- Sensors are essential for a robot to perceive its environment and act accordingly. However, connecting and integrating these sensors is typically a complex and time-consuming task.
- **EasyTrainer** simplifies this process. You can register various sensors through our intuitive interface and connect them to the robot with a single click.



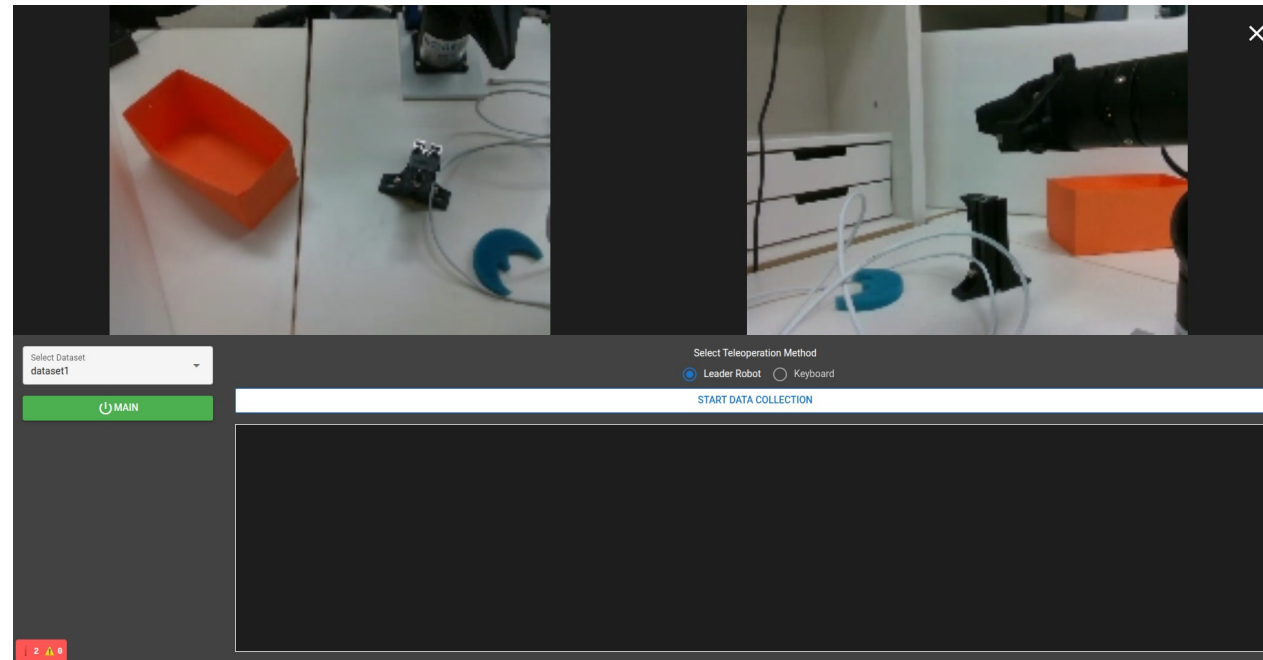
HOW? 3. Intuitive Teleoperation

- Traditionally, robots are controlled by manually operating each joint with a keypad-style pendant. This process is highly non-intuitive and requires significant training.
- **EasyTrainer** provides a master controller that mimics the shape of the actual robot. The robot then mirrors the controller's movements in real-time, allowing anyone to operate it with ease.



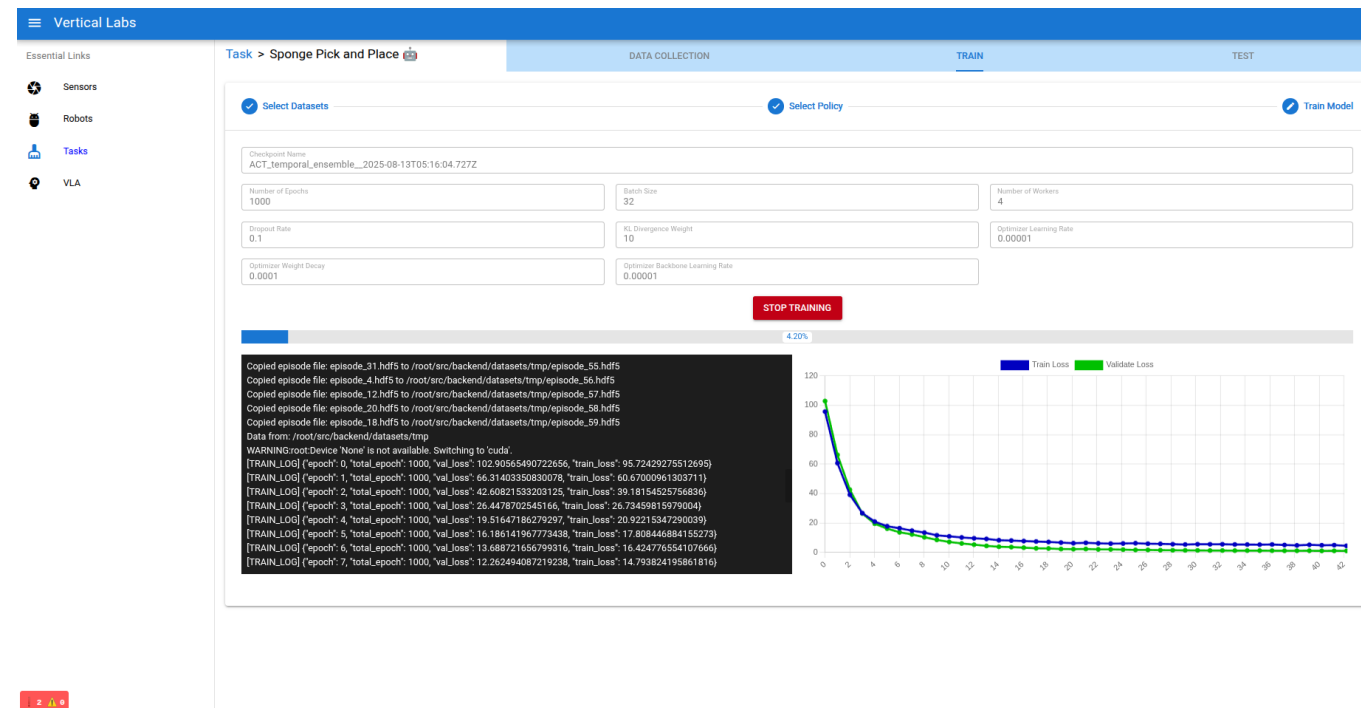
HOW? 4. Record & Replay Motion

- **EasyTrainer** allows you to effortlessly record any robotic movement and replay it with perfect precision. This recorded motion path can then be used for exact task repetition, or it can be exported as valuable data to train the robot's AI for automation.



HOW? 5. Easy AI Training

- Our intuitive interface allows you to easily configure key parameters and train the robot's AI model. The more diverse the data used in this training, the smarter and more adaptable the resulting robot will be.



Why Easy Trainer?

- Easy Trainer provides a unique software and controller solution designed for **compatibility across a wide range of robotic platforms**.
- We make **cutting-edge learning models and technologies** from the latest research papers readily accessible to all users.
- In **collaboration with expert robotics researchers**, we are continuously evolving our platform to make the future of Physical AI accessible to everyone.