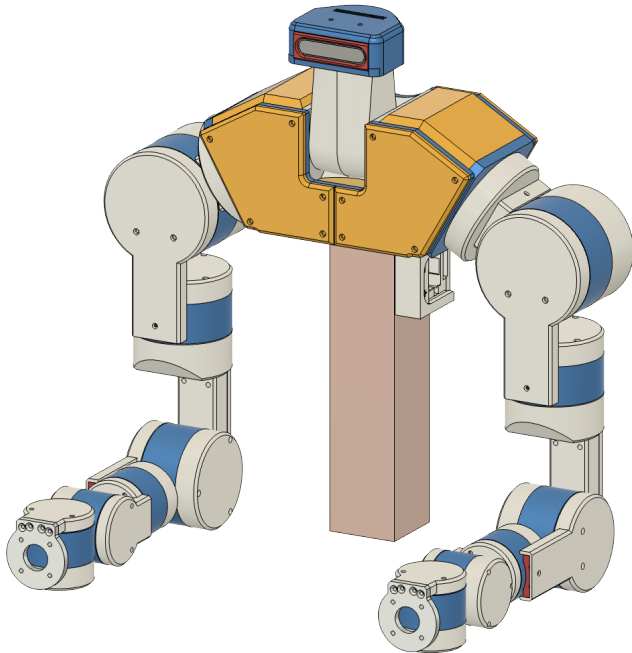


Upper-Body Humanoid Developer Platform



Telepresence ready robotic torso (two arms with articulated head) is perfect for manipulation and physical-AI data collection. The platform is intended to help users: teleoperate complex manipulation tasks; collect real-world datasets for imitation learning, reinforcement learning and sim-to-real transfer; test and validate manipulation policies on real hardware.

We expect to start shipping in 3 to 6 months. If you are interested in this product, do not hesitate to contact us at info@skyentific.com.

- Human-like size and range of motion
- 16 degrees of freedom total
- 7 degrees of freedom per arm
- Maximum torque: 120Nm
- MyActuator quasi direct drive actuators
- Arm size: 600mm (shoulder to wrist joint)
- Parallel finger gripper, can be customised to your preference
- Optionally: wrist cameras (stereo or mono)
- Payload: more than 5kg per arm
- 2 degrees of freedom head
- Depth camera (Realsense D435), can be customised to your preference
- NVidia Jetson Thor (or NVidia Jetson Orin Nano) for compute
- Fully supported in Nvidia Isaac Sim
- Telepresence ready
- Weight: around 20kg

