
















Transbot is a crawler educational robot developed based on the ROS(robot operating system). It uses Python 3 as the programming language. And comes with high-performance hardware configurations such as Raspberry Pi 4B board, lidar, high-definition camera/depth camera, etc., which can realize robot motion control, remote communication, mapping navigation, following, avoiding, autopilot, robotic arm MoveIt simulation, multi-robot queue, multi-robot navigation and so on.

We will provide many ROS courses and teaching video to help user get started with ROS easily.

There are five version:

Recommended configuration 1 Recommended reason: equipped with HD camera searchlight pan tilt, learning lidar mapping navigation.		 +  Frame HD camera
Recommended configuration 2 Recommended reason: joint calibration of depth camera and lidar, 3D visual navigation		 +  Frame Depth camera
Recommended configuration 3 Recommended reason: Experience the MoveIt simulation control manipulator.		 +  Frame HD camera Robotic arm
Recommended configuration 4 Recommended reason: Easy to debug ROS robot.		 +  Frame Depth camera Robotic arm
Recommended configuration 5 Recommended reason: Full configuration, users can debug the robot anytime and anywhere.		 +  Frame Depth camera Robotic arm 7inch screen