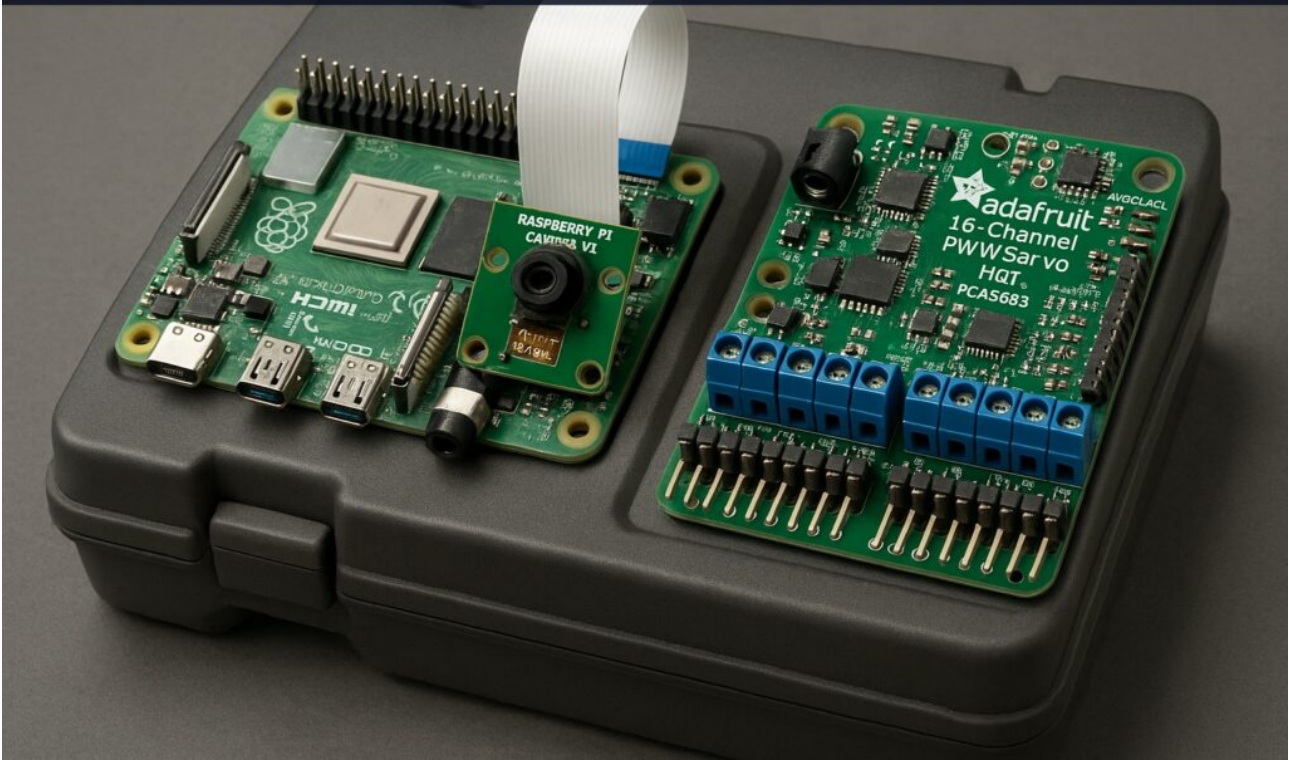


Practical case: UGV Beast ROS2 camera on Raspberry Pi 4

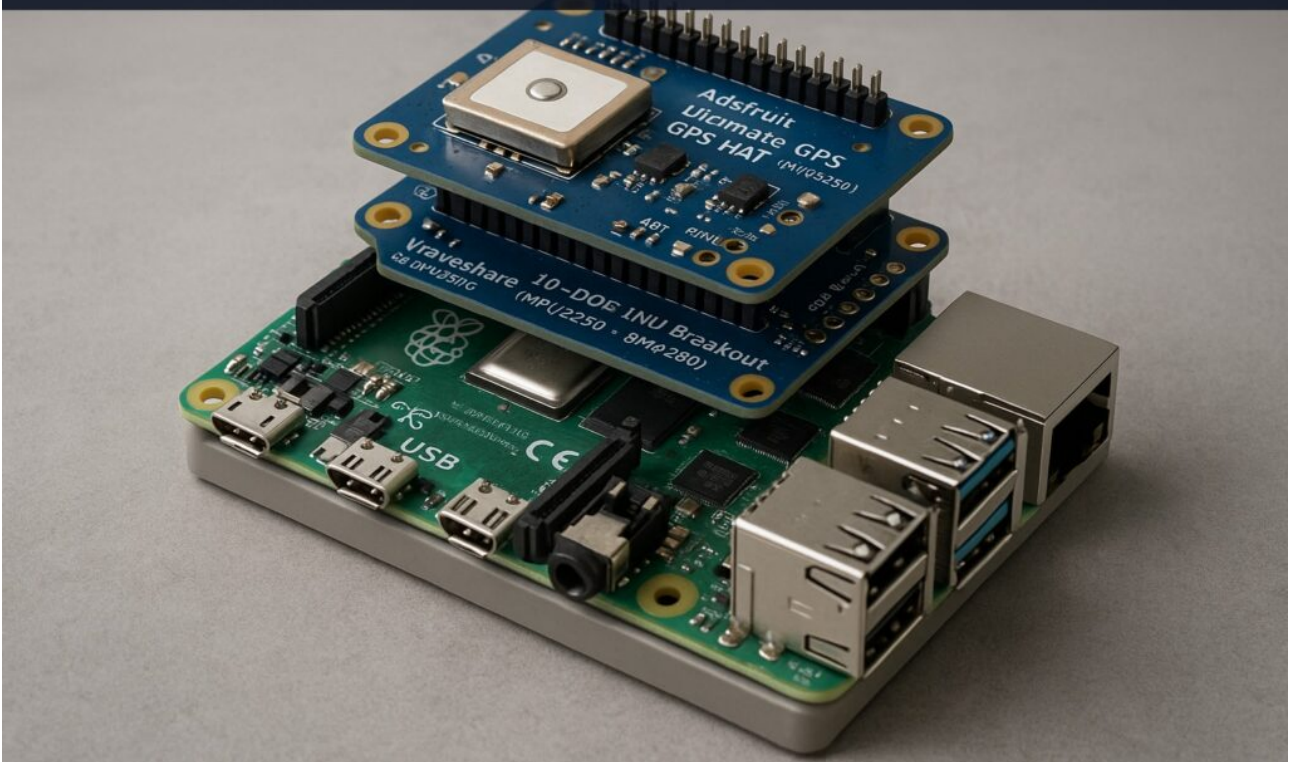
Practical case: UGV Beast ROS2 camera on Raspberry Pi 4



Build a ROS 2 patrol robot with Raspberry Pi 4 and Camera Module 3 for remote monitoring, security, and educational purposes. Stream 720p video easily!

Practical case: GPS waypoints on Beast UGV in ROS 2

Practical case: GPS waypoints on Beast UGV in ROS 2



Learn to build a ROS 2 Humble stack on Raspberry Pi 4 for GPS waypoint navigation, fusing GPS, IMU, and odometry for various use cases.

Practical case: UGV Beast ROS 2 teleop via joystick

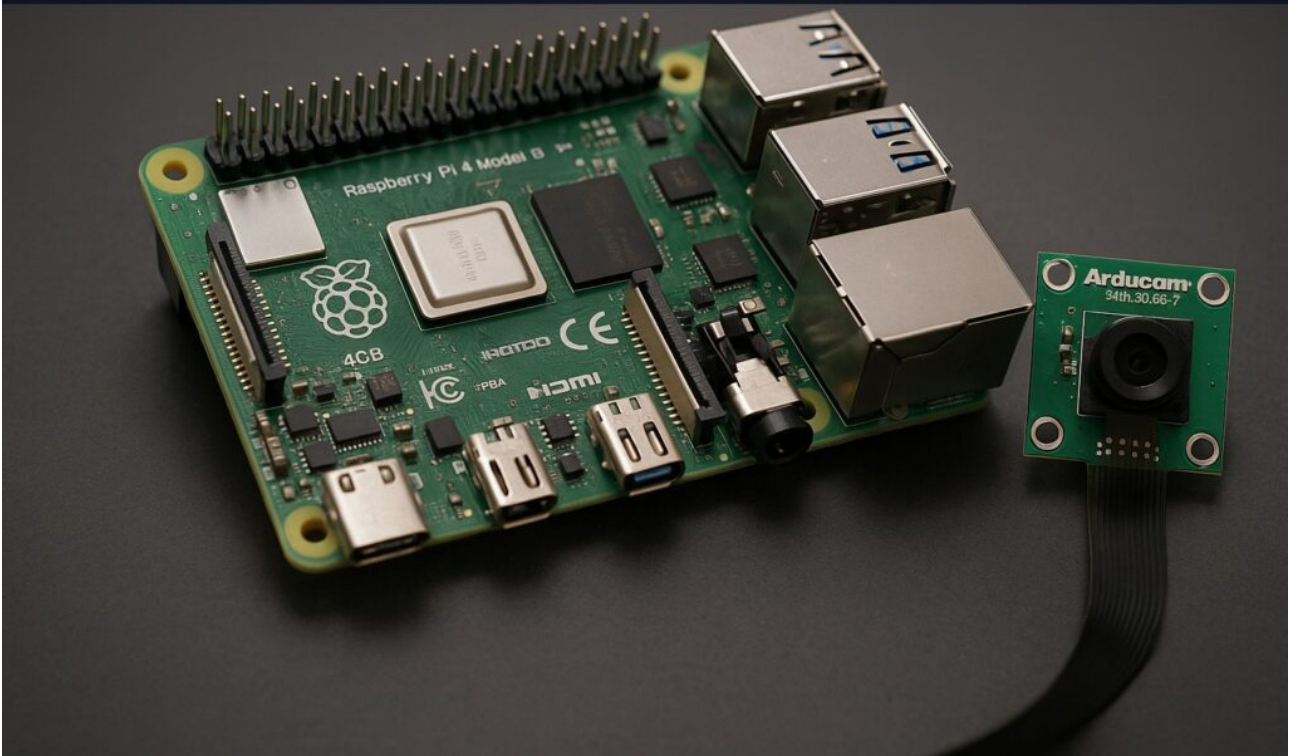
Practical case: UGV Beast ROS 2 teleop via joystick



Build a ROS 2 joystick teleoperation stack for a UGV on Raspberry Pi 4, ensuring real-time control and safe manual testing for robotics applications.

Practical case: UGV Beast ROS 2 Raspberry Pi line follower

Practical case: UGV Beast ROS 2 Raspberry Pi line follower



Build a ROS 2 line-follower on Raspberry Pi 4 with Arducam, enabling autonomous navigation using black tape. Ideal for teaching and warehouse guidance.