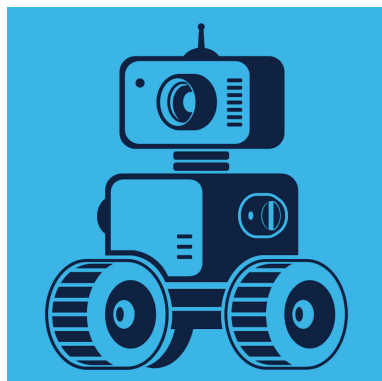


Smartphone app for STEVAL-ROBKIT1 evaluation kit on Android and iOS platforms



Features

- Scan, connect, and control STEVAL-ROBKIT1 via Bluetooth® LE with versatile movement, autonavigation, and speed control options
- Virtual joystick, support for various drive mechanisms (for example, mecanum/ omni-wheel), and interoperability with other Bluetooth-based boards supporting compatible firmware
- Tools for debugging, sensor data visualization
- Available on the Google play store and Apple app store

Description

The **STRobotics** application for Android and iOS platforms enables users to configure and drive the **STEVAL-ROBKIT1** robotics evaluation kit.

This application facilitates the discovery, connection, and control of these robotic kits. It integrates the BlueST-SDK to ensure interoperability with various Bluetooth® Low Energy (BLE) offerings from ST.

The app is available for download on the Google Play Store and Apple App Store, providing easy access to ST robotics solutions.

Upon establishing a connection, the app identifies the available features on the connected robotics kits and displays the status of various subsystems. Users can select different operation modes (for example, remote control and free-navigation) and configure parameters for each mode.

The app includes a user-friendly joystick interface for intuitive control of the robot's movement. Additionally, it offers features for plotting real-time data from sensors.

A debug console is available for sending direct commands, viewing log messages, and troubleshooting.

The **STRobotics** application currently supports the **STEVAL-ROBKIT1** robotics evaluation kit.

Product summary	
Smartphone app for Robotics on Android and iOS platforms	STRobotics
Robotics evaluation kit	STEVAL-ROBKIT1
Applications	Consumer robots

Revision history

Table 1. Document revision history

Date	Revision	Changes
15-Jan-2025	1	Initial release.
14-Jul-2025	2	Updated title in cover page, Section Features , Section Description and Product summary table.

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