Bluetooth Module BT Nano User Manual

Achieve wireless communication between AESC or other VESC-compatible controllers and Android / iOS devices via the VESC-Tool app, enabling controller configuration, real-time control, operation monitoring, and firmware updates.

- Configuration: Customize controller operating parameters
- Control: Real-time device operation management
- Monitoring: Real-time visualization of essential operating parameters: voltage,current,temperature,ERPM
- Updates: Wireless firmware upgrades supported

Typical Applications

- E-mobility motor controller tuning
- Robotic motion control configuration
- DIY electric vehicle development
- E-Skateboard parameter configuration

Welcome to send email if any problem.

Support email: Autoro.service@hotmail.com

Website: https://www.autorotech.com

1. Hardware Preparation

- Controller: AESC or other VESC-compatible unit
- Bluetooth Module: BT Nano
- Wiring Requirements

Controller Interface	BT Nano Pin	Notes
3.3V / 5V	VCC	Voltage MUST match
GND	GND	Ensure common ground
RX	TX	Cross-connect
TX	RX	Cross-connect

2. Software Preparation

Download App: https://www.vesc-project.com/vesc_tool

3. Connection Procedure

- Power on the controller
- Enable Bluetooth on your mobile device
- Launch VESC-Tool application
- Search and connect to "VESC 52832 UART"

Autoro