WHY SHEENBOT∞

Built for real classrooms

One board, every kit
The same board runs every kit, from a first traffic light in Grade 4 to a walking robot in high school.

Plug and play
Sensors and modules click into 14 reversible Type-C ports. No pin diagrams, no bent legs, nothing to plug in back to front.

Everything on board
Screen, RGB lights, buttons, microphone, speaker, motion sensor, RFID reader, AI voice and a rechargeable battery.

From blocks to Python
Start with blocks and see the matching MicroPython beside them, then move on to typed code on the same board.

Ask Sheen, the AI tutor
Guides learners step by step with hints and skeletons, never a ready-made answer.

Real-world IoT
Wi-Fi and MQTT send live sensor data to dashboards, and let a project be controlled from anywhere.





Already in learners' hands at schools, bootcamps, hackathons and libraries across South Africa.

START HERE

Explore sheenbot∞
www.sheen.bot/infinity

User manual
www.sheen.bot/sheenbotInfinity/manual

Buy online at **www.sheen.bot/store**

sheen robotics

Unit D1, The Exchange, 1 School St, Milnerton, Cape Town, 7441

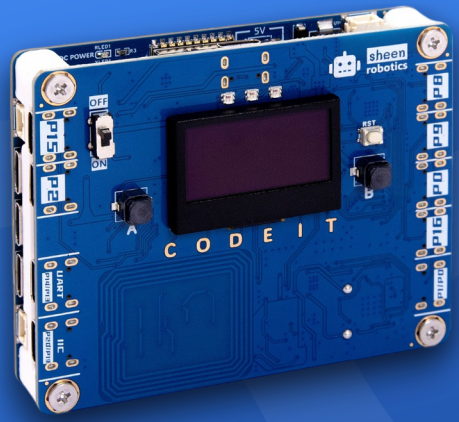
+27 (0)65 900 8570

info@sheen.bot

sheenbot support on WhatsApp +27 69 643 0382

© 2026 Sheen Technologies (Pty) Ltd t/a Sheen Robotics

sheen robotics



sheenbot∞

One board. Infinite builds.

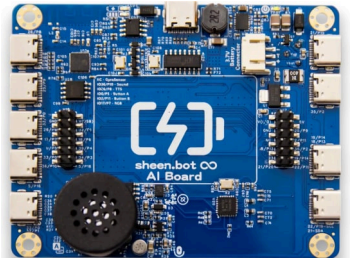
The AI-native coding and robotics board for South African classrooms — designed and made in Cape Town.

Blocks + MicroPython | Wi-Fi · Bluetooth · IoT | Ask Sheen AI tutor

www.sheen.bot/infinity

THE BOARD

Everything on one board



14 **Type-C module ports**
Every sensor and module plugs in here. Reversible, so it can't go in the wrong way round.

4 **Motor ports M1–M4**
Voltage with PWM speed control, for car motors, wheels and water pumps.

1 **USB-C above the screen**
Charges the battery and loads your code.

ON BOARD — NOTHING TO WIRE

OLED screen · RGB lights · Buttons A + B · 6 touch keys · Microphone · Speaker · Speech + voice commands · 6-axis motion sensor · RFID / NFC reader · Wi-Fi + Bluetooth · Board-to-board radio · 1100 mAh battery · ESP32 dual-core

FREE SOFTWARE · IN THE BROWSER

Code it, your way

sheen canvas
Block coding with the matching MicroPython beside it — on a laptop, tablet or phone, over USB or Bluetooth.

Ask Sheen
An AI coding guide inside canvas. It plans with the learner step by step and leaves the blanks for them to fill.

sheenVerse
A 3D board simulator in the browser: programs run with no hardware, on virtual sensors.

IoT dashboard
Live sensor readings, on/off buttons and automation rules for every connected project.

In English, Afrikaans, isiXhosa, isiZulu and more.

READY-TO-TEACH COURSES

Pixel Arcade 36 lessons of typed Python — learners ship eight complete games.

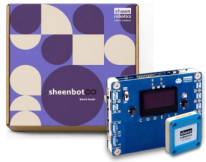
Market Makers 12 lessons that turn a classroom of boards into a stock exchange.

Cash Crop 12 lessons running a hydroponic micro-farm as a business.

Mapped to the CAPS Coding & Robotics phases.

KITS

Pick your kit



∞ block basic
The board and IoT module: first steps in coding.



∞ block tinker
230+ building parts and 8 plug-in modules.



∞ block pro
30+ advanced modules in a carry case.



∞ smart home
A model house to wire up and automate.



∞ rover
A line-following, obstacle-dodging car.



∞ quadruped
A robot dog with 12 servos.

All kits at **www.sheen.bot/store**

Class sets and school orders: **info@sheen.bot**