

MEET THE SMART MOTOR

A Smart Motor is a low-cost robotic tool designed to introduce students to Machine Learning without an additional device.

WHAT'S THIS?

LED SCREEN

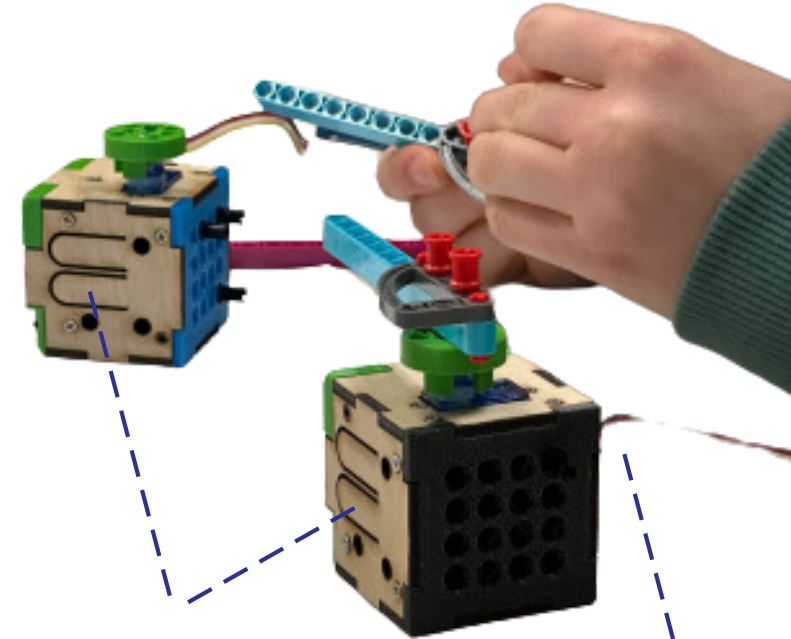
(not a touch screen)

Motorized Wheel

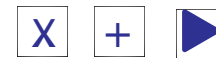
Motor
Control Dial

Enter Button

On / Off Switch



Menu Buttons



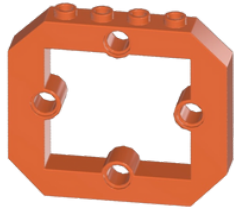
Sensor
Port
(not pictured)

QUICK START TIPS

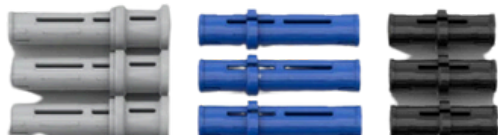
- ☐ ————— ☐
- ✓ Turn on the smart motor after attaching sensor
- ✓ Set values on a diagonal line for best results
- ✓ Charge by USB-C Port for no more than 15 minutes

TRAINING MODULES

Train the Smart Motor by inputting data points through the motor control dial and sensors.



USE LEGO PANELS WITH
WINDOW OPENINGS &
PINS TO CREATE A
GATE

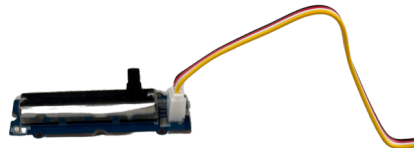


TRAIN IT!

Using the Motor Control Dial
and a slide sensor, enter up to
3 data points to open and close
a gate

? HOW FAR CAN THE MOTOR TURN?

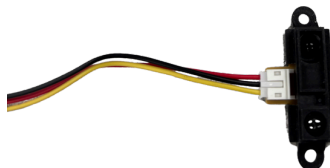
Slider sensor



Light sensor



Dial sensor



Distance sensor

TINKER!

Find the four
sensor types
and tinker with
which one
makes your
gate work most
effectively.