

# 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)

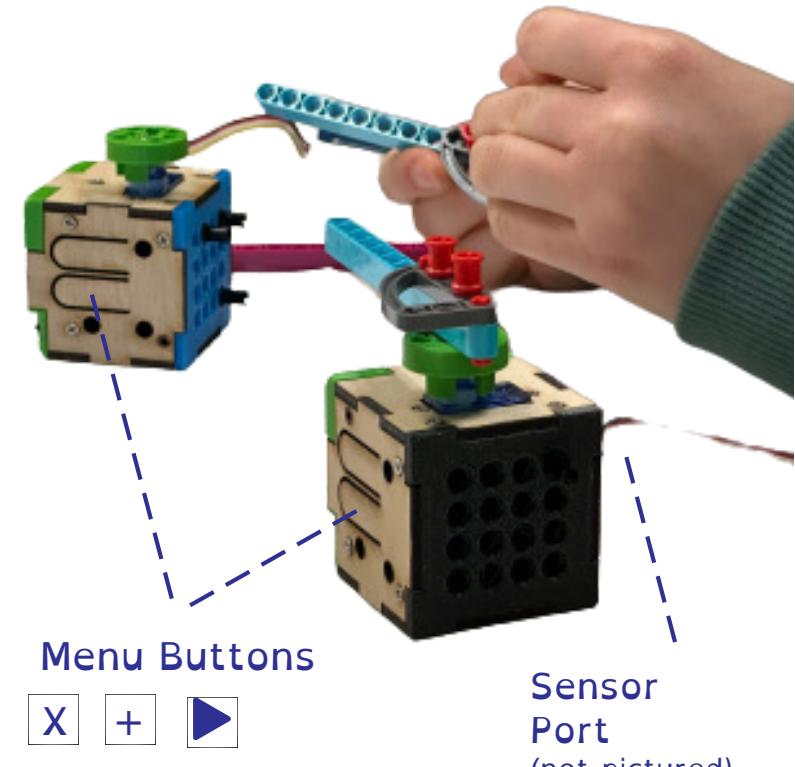


Motorized Wheel

Motor Control Dial

Enter Button

On / Off Switch



Menu Buttons



Sensor Port

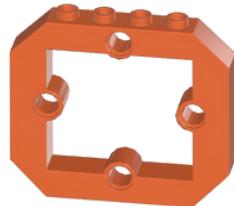
(not pictured)

## 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



? HOW FAR CAN THE MOTOR TURN?

## TRAIN IT!

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

Slider sensor



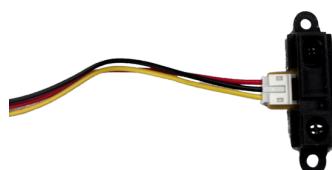
Light sensor



Dial sensor



Distance sensor



## TINKER!

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