

SERVO HAT REV.1.0.0



ES9251II
145° ±10°
PIN G26

PWM
INTERFACE



Description

SERVO HAT as the name suggests, is a servo motor module with the new and upgraded "ES9251II" digital servo. This comes with 145°±10° range of motion and can be controlled by PWM signals. The signal pin of the hat is connected to G26 on M5StickC.

Product Features

Series type: Digital
 Maximum speed: 0.20s/60°
 Core material: Plastic
 Weight: 2.2g
 Torque: 0.25Nm(Static 4.8N)
 Voltage: 1.0V-5.1V
 Size: 21mm * 29mm * 20mm
 weight: 3x

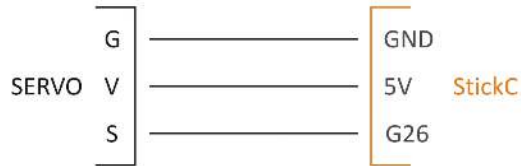
Included

1x Servo HAT

Applications

Autogy navigation
 Alarm and direction control
 Door lock controller

Schematic



EasyLoader

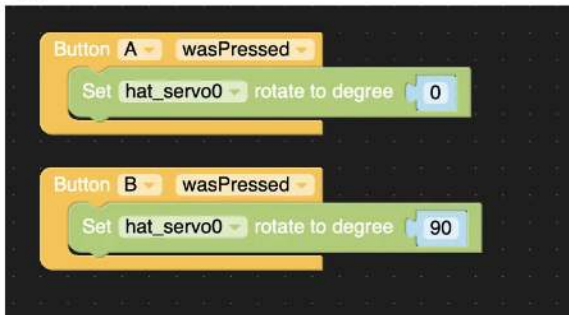
[Click to download EasyLoader](#)

EasyLoader is a simple and fast program burner. Every product page in EasyLoader provides a product related case program. This can be burned to the M5 device through simple steps, and a series of function verifications can be performed.

After downloading the software, double-click to run the application, connect the M5 device to the computer through the data cable, select the port number, click "Burn" to burn the program. (For M5StickC, set the baud rate to 115200 or 750000)

Example

1737mm



Arduino

To get complete code, please click [here](#)