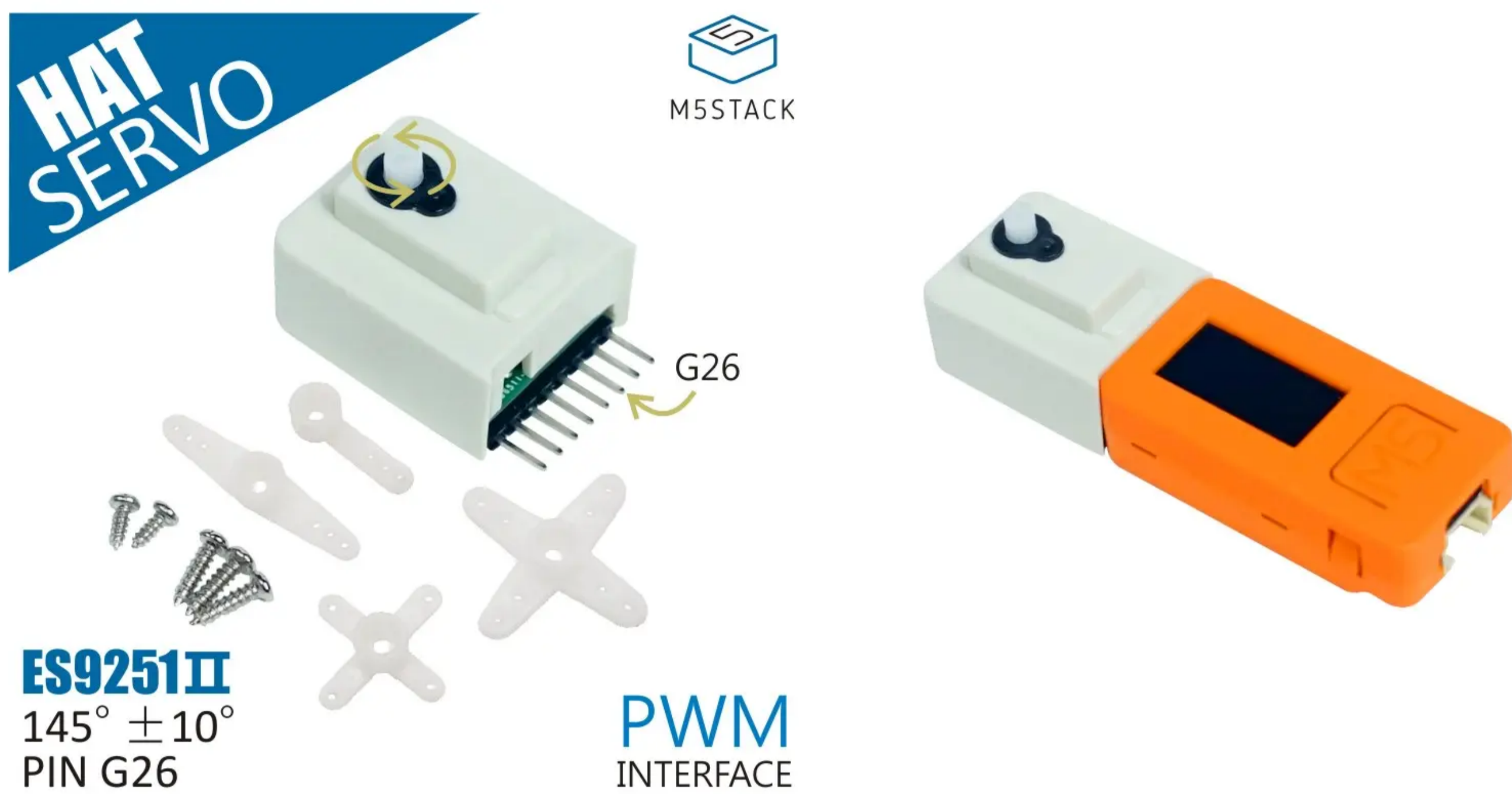


SERVO HAT

SKU:U075



Description

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

Product Features

- Servo Type: Digital
- Spinning speed: 0.09sec/60°
- Gear material: Plastic
- Weight: 2.5g
- Torque: 0.25Kgf.cm(at 4.8v)
- Voltage: 5.0V±0.2V

Include

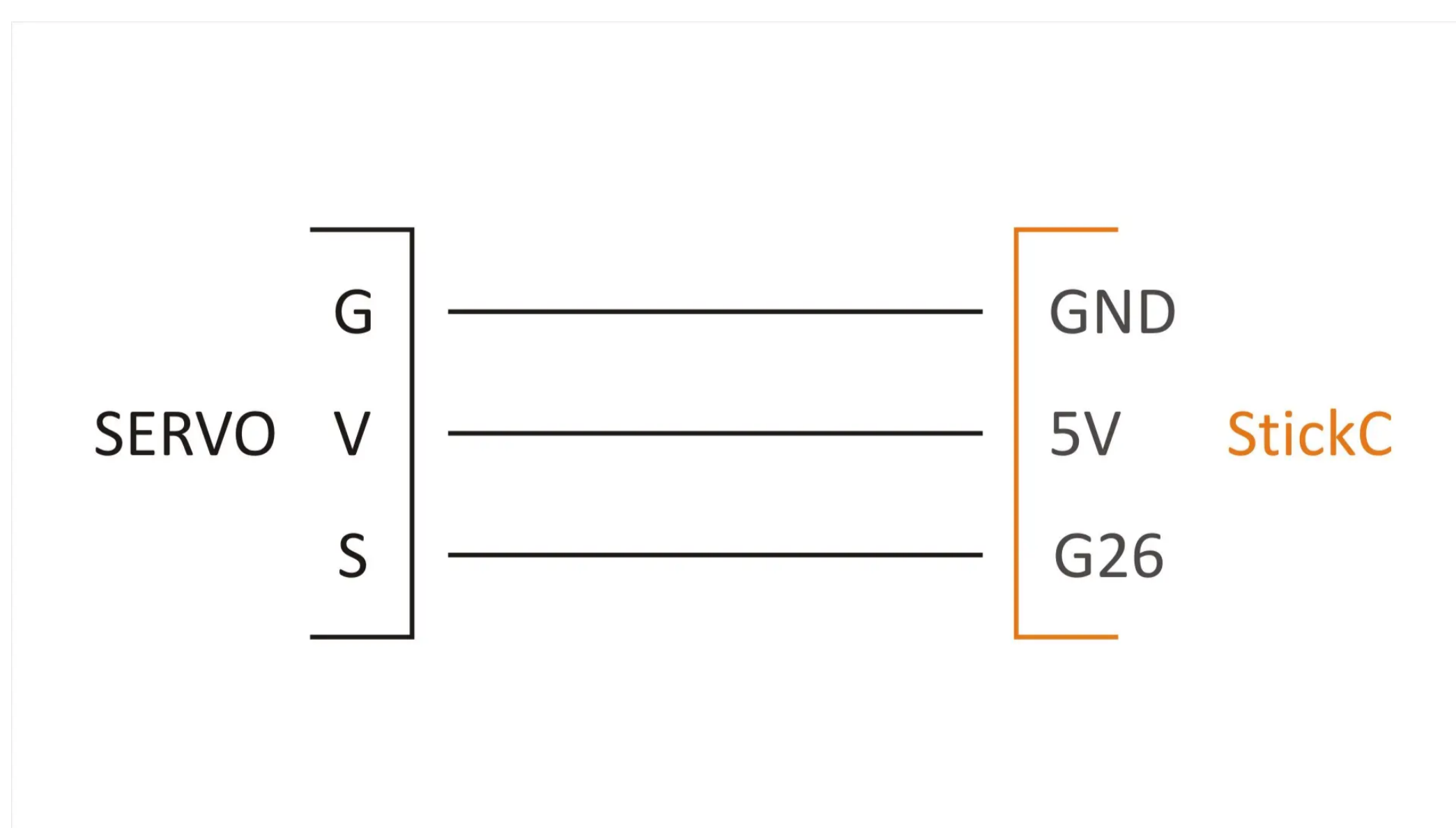
Applications

- Analog indication
- Angle and direction control
- Door lock controller

Specification

Resources	Parameter
Net weight	9g
Gross weight	19g
Product Size	35*24*22mm
Package Size	42*40*30mm

Schematic



EasyLoader

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 parameters, click "**Burn**" to burn the program (**For M5StickC, set the baud rate to 115200 or 750000**)

Example

Arduino

- [Click here to download the Arduino example](#)

UIFlow

- [Click here to download the UIFlow example](#)

