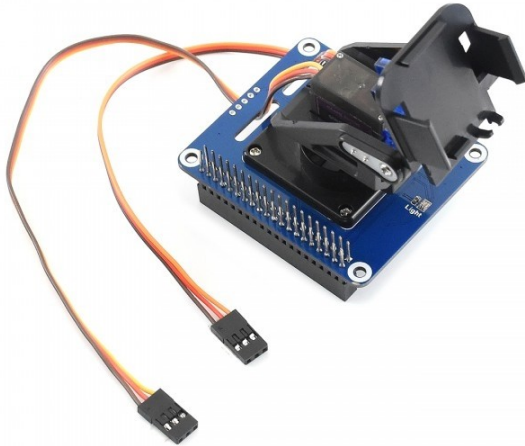




2-DOF Pan-Tilt HAT für Raspberry Pi



Order number:	RPI-TILTHAT
Hersteller:	Waveshare
EAN:	614961954144
Herkunftsland:	China
Zolltarifnummer:	84733020
Gewicht:	0.016 kg

Übersicht

This is a 2-DOF pan-tilt kit designed for Raspberry Pi. With onboard PCA9685 PWM chip and TSL2581 ambient light sensor, it allows the Pi to control camera movement and sense light intensity through I2C interface.

Eigenschaften

- Raspberry Pi connectivity, compatible with Raspberry Pi Zero/Zero W/Zero WH/2B/3B/3B+
- I2C interface, only 2 pins are required for moving and light intensity sensing
- Onboard PCA9685 chip, provides 12-bit resolution PWM signal for moving control
- Onboard TSL2581FN light-to-digital converter, with embedded ADC, provides a value that approximates the human eye response to assist the module
- Onboard voltage level translator, compatible with 3.3V/5V operating voltage
- Specific acrylic board to fix the Raspberry Pi camera, make it easy to install
- Comes with development resources and manual (demo code, assembly guide)

Spezifikationen

- PWM driver: PCA9685
- PWM resolution: 12-bit
- Ambient light sensor: TSL2581FN
- Ambient light resolution: 16-bit
- Communication interface: I2C
- Operating voltage: 3.3V/5V
- Dimension: 56.6mm x 65mm

Lieferumfang

- Pan-Tilt HAT x1
- 2-DOF pan-tilt kit x1
- SG90 servo x1



- MG90S servo x1
- Acrylic board x1
- M2 screws pack x1
- RPi screws pack (2pcs) x1

Dokumentation / Downloads

- https://www.waveshare.com/wiki/Pan-Tilt_HAT
- Eine Anleitung zum Zusammenbau des HATs finden Sie unter dem Punkt Downloads

Weitere Bilder:

