

# Application scenerys of 16 Servo

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# **1.How to connected the 16 Servo with PC Software? Why it would be offline state via the connection with a USB cable?**

Answer:

The USB cable should with the function of data transmission but no the charge cable only.

# **2.What is the one named with “ Dual Power Supply”, what should do if the power steering gear should be 7.2v?**

Answer:

One USB port is designed to supply power of 16 Servo control board. One USB port is designed to supply power to the steering gear.

If 7.2v is not enough to power the steering gear, the steering gear can be powered separately, it will be available that connects the steering gear and the 16 servo control board via signal line.

# **3.Why does not show the serial port on PC Software?**

Answer:

The signal connected via USB cable is a USB transmission but no serial port signal.

It would not show the serial port on the PC.

#### **4.How to make the Bluetooth module connected with a 16 servo board?**

Answer:

Please insert the BLE 4.0 module on the 16 Servo board  
Making the smartphone connected with 16 Servo board via Bluetooth.  
Opening the app will be available for controlling the 16 Servo board via Bluetooth connection.

#### **5.Does the 16 Servo board support other control solutions?**

Answer:

Yes. It will be available that the 16 Servo board could receive the TTL signal which follows the transmission of communication protocol.

#### **6.What is the voltage value for controlling the 16 Servo board?**

Answer:

3.3v

#### **7.Does it support for custom configuring the speed of rotation?**

Answer:

No, it should be the 20 choices which configured.

## **8.How does 16 Servo board control with steering gear?**

Answer:

The 16 Servo board controls the steering gear via the PWM wave.

## **9.What is the values of power voltage and current concerning the USB port on the 16 Servo board?**

Answer:

DC 5V ,500mA.

## **10.What is the accuracy of the PWM wave concerning the 16 Servo board? And what does the voltage for powering the steering gear?**

Answer:

The accuracy of the PWM wave is 0.1 us.

And the power voltage value for steering gear is 5-7.2v

## **11. Why does not the LED of BLE 4.0 module under state of light**

Answer:

The led of the BLE 4.0 module would be light after the connection with the smartphone.

It would not light just power for the 16 Servo board.

## **12. What is the function of the red button on the 16 Servo board?**

Answer:

The red button is concerning about function of move.

If you have downloaded the move operation of S0 on the 16 Servo, the operation of moving would be activated after pressing the red button.

## **13. Which range of power for steering gear could be acceptable for the 16 Servo?**

Answer:

The Servo board could control 16 groups of steering gear powered by 5 kg. If the power should be 15kg, and the servo board could support 3 groups only.

## **14.How many operations of moving could be run by the Servo board?**

Answer:

The one 16 Servo board could custom 16 groups of moving. And it supports running with 8192 movings.

## **15.Does the MCU could control the 16 Servo board?**

Answer:

The 16 Servo board has a serial port interface.

The MCU could control the 16 Servo board via commands.